MOTOTRBO™ APPLICATION CATALOGUE

CHANNEL PARTNER, VERSION 26 APRIL 2012

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Category	Features \ Applications	Server/Client Solution	Local PC based Solution	Fleet Management Systems	Control Room Solution	Call Dispatcher	Call Logging	Voice Recorder	Reporting	Remote VoIP based Console	Remote Control Systems	Emergency Voice Call Management	Multi site system support	Text Messaging	Email SMTP gateway	Paging	Order / Job Management	Billing system	Outdoor GPS based Localization	Indoor Beacon based Localization	Indoor RFID based Localization	Using Online Maps (Google)	Using Raster/Vector Maps	Lone Worker	Mandown/Tilt switch	Guard Control/Personal Security	Alarm Notification/Management	Telemetry messaging	SCADA/Remote control systems	Data transmission	Infrastructure	Networks components	Simulcast system	Switch/Gateway solutions	Telephone interconnect	Universal Options Boards	Developer Kits for customizing	Migration from Analogue to Digital	Consoles for analogue mode	5-Tone Signaling	CrossPatch (CrossBand)	Consoles for MDC-1200 mode
Fleet management	C.O.di.CE.					x	x	x						x																								x			
	CENTRAL RECORDER	x					x	x																																	
	CMO	x	x	x	x	x	x	x	x	x	x	x		x	x		x		x			x	x	x		x	x	x	x	x			x	x			x		x		
	COM		x			x	x	x						x					x			x	x															x				
	ConSEL™	x	x			x	x	x	x	x				x					x			x	x	x			x	x										x				x
	DMRAlert®IN-TRACK	x	x	x	x				x					x			x				x		x		x		x															
	DMRAlert STREET	x	x	x					x					x					x				x	x		x	x															
	eztracker@trbo		x	x										x					x			x																				
	DRC9010		x			x													x			x	x		x		x															
	hermesTRX Enterprise			x			x	x						x	x		x		x				x			x		x														
	hermesTRX SMTP Gateway	x		x											x												x		x														
	IP-DCS 250	x	x			x	x	x		x									x																x							
	Mimer SoftRadio		x	x	x	x	x	x		x	x																			x									x	x	
	neoNytro					x													x				x	x																		
	neoNytro Enterprise	x				x	x							x	x				x				x																			
	RadioLocator	x	x			x	x	x	x	x	x	x		x					x			x	x																			
	SafeDispatch	x	x			x	x	x	x	x				x	x		x		x			x	x				x	x														
	SafeNet Enterprise			x		x	x	x	x					x	x			x	x			x																				
	ShortTrack*GT*						x												x			x	x																			
	SmartPTT Advanced	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x			x			x	x	x		x	x	x						x			x	x			x
	SmartPTT Enterprise	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x			x			x	x	x		x	x	x					x	x			x	x		x	x
	text@trbo		x											x	x	x	x																									
	TrakRanger	x		x			x		x		x		x	x	x	x		x	x			x	x	x	x	x	x															
	TRBOnet Professional	x	x			x	x	x	x	x				x	x				x			x	x	x				x										x				x
	TRBOnet Enterprise	x	x	x		x	x	x	x	x		x	x	x	x				x			x	x	x		x		x										x			x	x
	VITEX®TRBO					x	x	x		x				x														x														

Migration			Infrastructure & Network Components								Data Transmission & Telemetry							Lone Worker Solutions						System Performance Management				Category
	K-TERM 42	TRBOplus TALK FINDER	RBX +Plus	Radius-IP	RADIS	phone@trbo	Herning D.H.R.	Easy Simulcast	Audio Gateway	Adeo-Interox	Zonith ACS +Plus	SmartPTT File Transfer	radioPad™ / radioPod™	IFMI1	FS-3000	EMO Plus	DMRAlert® TAD	DMR921	Zonith IPS	hermes TRX Man Down	DMRAlert®IN-LOC	DMRAlert®GT	DMR910	TRBOplus GPS Datalogger	TRBOnet Watch	SmartPTT Monitoring	GW3-TRBO	TRBOplus LABS2	Features / Applications
				x	x							x							x		x	x			x	x	x		Server/Client Solution
		x	x	x	x																x	x		x			x	x	Local PC based Solution
			x	x																x	x	x		x					Fleet Management Systems
				x				x	x	x				x		x													Control Room Solution
			x	x	x				x	x	x						x	x											Call Dispatcher
			x	x		x		x	x		x		x				x	x							x	x	x	x	Call Logging
			x	x		x		x	x																				Voice Recorder
			x	x	x			x	x							x			x		x	x			x		x		Reporting
			x	x	x			x	x																				Remote VoIP based Console
				x				x		x			x	x	x	x	x	x											Remote Control Systems
			x	x		x		x	x		x		x				x	x		x									Emergency Voice Call Management
			x	x	x			x	x	x															x	x	x		Multi site system support
				x	x	x		x	x		x		x	x	x	x	x	x	x		x	x	x						Text Messaging
				x				x	x		x						x		x										Email SMTP gateway
				x	x	x										x							x						Paging
														x		x													Order / Job Management
																									x	x	x		Billing system
		x		x	x					x						x								x					Outdoor GPS based Localization
											x								x				x						Indoor Beacon based Localization
											x						x					x	x						Indoor RFID based Localization
				x																				x				x	Using Online Maps (Google)
				x	x																x	x							Using Raster/Vector Maps
	x			x							x						x		x	x	x	x	x						Lone Worker
	x					x													x	x	x	x	x						Mandown/Tilt switch
		x		x																x	x	x	x	x					Guard Control/Personal Security
				x	x	x		x			x					x	x	x	x	x										Alarm Notification/Management
				x	x			x					x	x	x			x			x									Telemetry messaging
						x									x	x		x												SCADA/Remote control systems
					x						x	x	x	x	x	x		x												Data transmission
				x				x																			x			Infrastructure
				x				x	x	x																	x			Networks components
								x	x																					Simulcast system
			x	x	x			x		x				x																Switch/Gateway solutions
			x	x	x	x	x	x	x	x																				Telephone interconnect
	x	x													x								x	x				x	Universal Options Boards
		x x														x								x			x	x	Developer Kits for customizing
	x	x		x				x	x															x				x	Migration from Analogue to Digital
	x			x				x	x																			x	Consoles for analogue mode
	x	x						x	x															x				x	5-Tone Signaling
	x			x						x																			CrossPatch (CrossBand)
				x																									Consoles for MDC-1200 mode

C.O.DI.CE II

RADIO DISPATCHER, CALL LOGGING, VOICE RECORDER

PRODUCT DESCRIPTION

C.O.di.CE is an integrated and modular dispatch system, based on Client-Server architecture, for the management of Voice and Data communications suitable for multi-operator, multi-channel and multi-protocol PMR networks. C.O.di.CE has been designed for the radio operator to considerably improve their situation awareness of the fleet. It allows the operator to react very rapidly even in case of emergency.

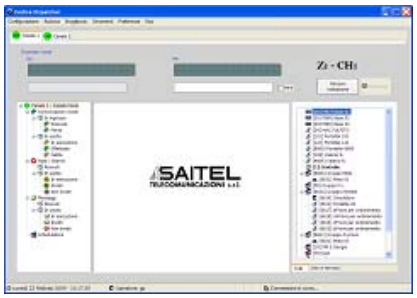
Easily configurable even by unskilled users, C.O.di.CE permits an independent configuration for each channel to manage different radio protocols at the same time without changing user operation mode.

BENEFITS

C.O.di.CE includes an integrated call logging and voice recorder that capture radio traffic on each channel and store everything on low cost digital storage. Radio communications can be rebuilt at any time. The dynamical phonebook, with its dual display mode, allows the operator to effectively communicate with the fleet and allows a real time radio fleet expansion.

SUPPORTED MODULES

C.O.di.CE supports analogue conventional and digital radios. It is compliant to several standards (5 Tones, ETS 300 230, TETRA, DMR, MPT 1327) and is designed to form a complete solution for communications centres requests to access capabilities such as voice/data, SMS, GPS location services and telephone communications.



FEATURES

- Full voice and data solution
- Events logger with offline analysis
- Voice call recorder with real time playback
- Predefined and free text messages
- Several safety levels
- Easy to use
- Modular
- Multioperator and multichannel
- Efficient use of channel bandwith
- Easy configuration
- Scalable from 1 to many operators
- Fully integrated with AVL software ShortTrack
- Open to third party applications

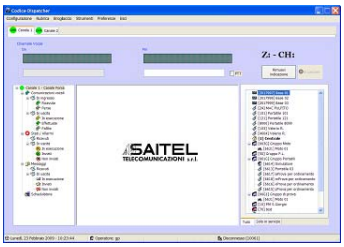
SYSTEM REQUIREMENTS:

- Required radio hardware / releases compatibility: Motorola DM/DP series minimum release
- Required IP technology (PC, Internet, Ethernet): PC with O.S. Microsoft Windows XP Pro or higher
- Required interfaces: USB port for MotoTRBO two-way radios, ethernet interface for client/server configuration
- Required know how: Experienced in MOTOTRBO radio sales. Basic OS and IT administration know how required

C.O.DI.CE II

Target markets (industries, customer segments etc.):

Public safety (Police, Ambulance, Fire Brigades), Rescue Services, Transportation, Industry market (Oil & Gas, Steel industries …)



PRICE INFORMATION

Server Module (HW included): €9,500

Client Module (HW included): €3,500 each

Radio Module(s): €2,000 - €2,500 each (according to the radio technology required)

Demonstrations on demand will be supported by Saitel.

AT-A-GLANCE

GEOGRAPHICAL COVERAGE
EMEA

ORDER TO SHIP CYCLE TIME
4 weeks

AVAILABLE LANGUAGE OF THE SOLUTION
Italian, English. Other languages on demand.

COMPANY DETAILS:

Company: SAITEL Telecomunicazioni s.r.l.
Contact: Sales
Address: Via Pacinotti, 23
20092 Cinisello Balsamo
(Milano)
Italy

Telephone: (+39) 02 66 01 47 77
Fax: (+39) 02 61 28 620
Web: http://www.saiteltelecomunicazioni.it
Email: dir.commerciale@saiteltelecomunicazioni.it

SUPPORT:

Languages of the support: Italian, English
Contact: Mr. G La Sala
Hotline number: (+39) 02 66 01 47 77
Available at time: 09:00 – 18:00 CET
Email support: support@saiteltelecomunicazioni.it
Internet: www.saiteltelecomunicazioni.it

ROOM FOR LINKS TO FURTHER DOCUMENTATIONS

CENTRAL RECORDER

MOTOTRBO™ VOICE RECORDING SYSTEM

PRODUCT DESCRIPTION

BPG Central Recorder is a reliable MOTOTRBO™ voice recording system for small and midsize companies. It captures multichannel audio with related MOTOTRBO signalling: group ID, private ID, alias and channel.
This is a web based application with unlimited browser based search and reply licenses. Recording can be accessed remotely from anywhere and any computer.

BENEFITS

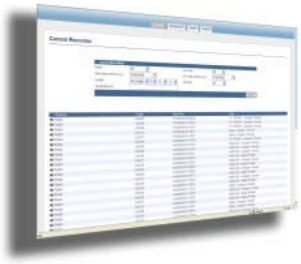
BPG Central Recorder is an ideal solution for the small to midsize enterprise to capture, store, retrieve and play back voice with identification on MOTOTRBO™ systems.

SUPPORTED MODULES

- An intuitive web based interface enables recordings to be retrieved and replayed from any location at any time
- Web-based configuration and administration tools

FEATURES

- Playback & call search
- Replay over the LAN/internet via web browser
- Call can be searched by any combination:
  - Call duration
  - Date and time
  - Channel
  - Name and/or caller ID (MOTOTRBO id)
  - Group name/id (MOTOTRBO id)
- Unlimited browser-based search and replay licences
- Remote administration capabilities



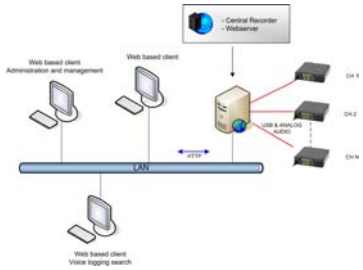
SYSTEM REQUIREMENTS:

- Required radio hardware / releases compatibility: MOTOTRBO radio DM 34xx or DM 36xx with firmware releases 01.05.XX or higher
- Required IP technology (PC, Internet, Ethernet): Personal computer with Windows XP SP3, Vista SP1 or Windows 7 with free USB port as the number of channel to record, 1Gb RAM (depending on operating system used), multichannel Sound card
- Required interfaces: free USB port
- Required know how: MOTOTRBO system and CPS usage, Windows© Operating system basic configuration skill, base level knowledge of TCP-IP protocol

CENTRAL RECORDER

Target markets (industries, customer segments etc.):

Enterprise, Industrial, Public Safety, Emergency Services, Transport Enterprises, Municipal Services



PRICE INFORMATION

Starting from € 700.00 for 1 radio channel.

AT-A-GLANCE

GEOGRAPHICAL COVERAGE

We can deliver and maintain the EMEA region. On request, we can install, configure and support the software remotely by remote assistance.

ORDER TO SHIP CYCLE TIME

10 days (mainly delivery time)

AVAILABLE LANGUAGE OF THE SOLUTION

Italian, French and English. (Other languages on request)

COMPANY DETAILS:

Contact: Mr Raniero Bernard
Address: BPG Radiocomunicazioni Srl
Via Nazionale 13
10060 Pinasca (TO)
Italy

Telephone: (+39) 01 21 80 06 69
Web: www.bpg.it
Email: commerciale@bpg.it

SUPPORT:

Languages of the support: Italian, English, and French
Contact: Mr. Raniero Bernard
Hotline number: (+39) 01 21 80 06 69
Available at time: 08:30 – 18:30 CET ….
Email support: commerciale@bpg.it
Internet: http://www.bpg.it/com

ROOM FOR LINKS TO FURTHER DOCUMENTATIONS

CMO - COMMUNICATIONS MANAGEMENT OPERATOR

RADIO DISPATCHER, OUTDOOR GPS, TELEMETRY

PRODUCT DESCRIPTION

CMO is a multifunctional operating unit created and developed by Eurocom Telecommunication. CMO allows communications between heterogeneous networks. CMO provides different management services, such as Dispatcher Functions, Radio Localization, GPS navigation and call recording. The framework is based on Master - Client architecture, this architecture guarantees maximum expandability of number of Client and future integration of new technologies. The network environment is based on IP technology. It also works on WAN network or generic internet connection. The radio audio are converted into VOIP signal and sent from Server to Client and viceversa. This technology allows flexibility and remote control of the network. On request the Network Protocol is available to create Customized GUI (Graphical User Interface) or web interface.

BENEFITS

CMO is developed to serve public and private administrations for security and control purpose. The software is able to connect different types of users using different technologies (PMR, DMR, TETRA, GSM/GPRS, PABX and HF). For example, a police headquarter, through CMO is able to coordinate a complex scenario, operated by different authorities like fire-fighters, ambulance and police, using different radio device.

SUPPORTED MODULES

CMO consists of three components available as a package or separately:

E-COM SERVER Software:

- • allows the management of all supported radio communications through different technologies and media
- • manages all the control room functionalities and
- • keeps record of all communications events.

E-COM CLIENT Software:

- • management of the E-COM server
- • included with E-COM CLIENT are: E-GEA client (a “logbook” which helps to organize and schedule client activity) and E-VIEW client (a video Surveillance Software)
- • supports Google-Earth™ for visualization of GPS based positions.

E-MAP CLIENT Software:

- • NAVTEQ™ cartography based software able to visualize the radio position.
- • supports text messaging via radio icons
- • it can be integrated into E-com Client.

FEATURES

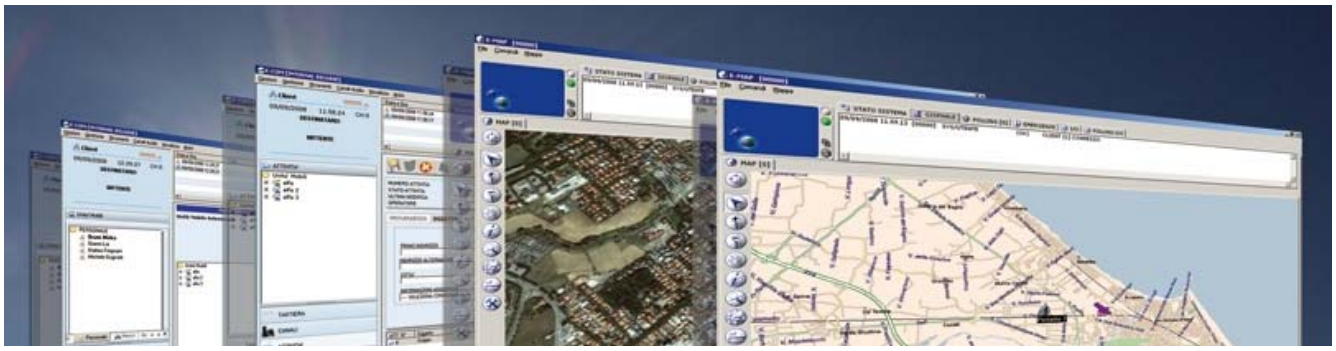
- • Client /Server architecture
- • GPS navigation, radio localisation
- • Call recording
- • Scalable
- • VOIP based
- • Cross Patch functionality
- • Telephone interconnect
- • Support heterogeneous technology
- • Cross Patch (telephone interconnect)

SYSTEM REQUIREMENTS:

- Required radio hardware / releases compatibility: DM3600 release 1.4, compatible since release 01.02.03
- Required IP technology (PC, Internet, Ethernet): IPv4/v6, one sound card device per channel and one port (Serial/USB) per channel. Suggested Pentium 4 or equivalent, 1Gb RAM, 50 Gb HDD, Windows XP HOME / PRO Operation System
- Required interfaces: RNDIS Motorola Driver, Motorola connection wire PMKN4016A (pin modified)
- Required know how: Experienced in MOTOTRBO radio sales. Basic OS and IT administration

CMO - COMMUNICATIONS MANAGEMENT OPERATOR

Target markets (industries, customer segments etc.): Public and private administrations for security and control purposes. Our markets are all the authorities that need interconnections, localization and coordination between the operators working on a wide territory.



PRICE INFORMATION

Solution packages:	
E-COM Server + E-COM Client	€ 2,250.00
E-COM Server + E-MAP Client	€ 3,500.00
E-COM Server + E-MAP Client + E-COM Client	€ 4,400.00
Demo license for 30 days	€ 200.00

Demo package contains: E-Com/E-Map Software, additional Sound Card, modified Motorola connection wire, microphone and audiovisual installation manual. It can be upgraded to a full licenses by paying the difference to full solution package price)

For a detailed price estimate see the price list. For customized solutions contact the commercial support. Free demonstrations are available on request.

COMPANY DETAILS:

Contact: Sales
Address: Eurocom Telecomunicazioni
Via Carpegna 9
Riccione 47838 RN
Italy

Telephone: (+39) 05 41 42 55 25
Bologna: (+39) 051 86 47 47
Rome: (+39) 06 79 84 18 87
Web: www.eurocomtel.com
Email: lorenzo.spadoni@eurocomtel.com

AT-A-GLANCE

GEOGRAPHICAL COVERAGE
EMEA and Latin America

ORDER TO SHIP CYCLE TIME
30 business days from the order

AVAILABLE LANGUAGE OF THE SOLUTION
English, Italian, French, Spanish, other languages on demand

SUPPORT:

Languages of the support: English, Italian, Portuguese, Spanish
Contact: Mr Lorenzo Spadoni
Hotline number: (+39) 05 41 42 55 25
Mobile : (+39) 349 5722160
Available at time : 08.30 -12:30
14.30 - 18:30
Monday –Friday (GMT +1)

Email support: lorenzo.spadoni@eurocomtel.com
Internet: http://www.eurocomtel.com

More information are available on www.eurocomtel.com – product Area or call at (+39) 0541 425525. Technical Manuals are available in English and Italian language. On demand, for large order, we can produce documentation in any language.

COM

RADIO DISPATCHER, CALL LOGGING, TEXT MESSAGING, GPS

PRODUCT DESCRIPTION

BPG COM is a modular flexible software solution that can be composed with one or more modules: Talk Manager (Dispatcher), Talk Finder (GIS and automatic GPS based localization system), and Talk Recorder (Voice recording).
At the server side two components are used in order to perform the best integration with MOTOTRBO™ system and its embedded ARS services: COM Radioserver and COM Presence Notifier. Installation and configuration are now simplified by Map Wizard, RadioControllerWizard, and COMConfig applications. Some standard and customized plugins (e.g. Google Earth© integration, 3rd party integration...) are also available.

BENEFITS

COM modular system allows high adaptability to different communication protocols. The modules can also be supplied separately.

SUPPORTED MODULES

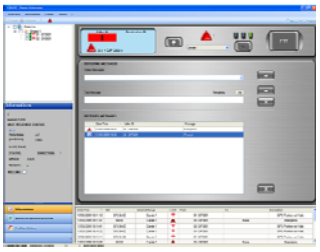
- Talk Manager : Radio communication management dispatcher
- Talk Finder : Map and GPS based localization system
- Talk Recorder : Voice recording with group id and radio id information

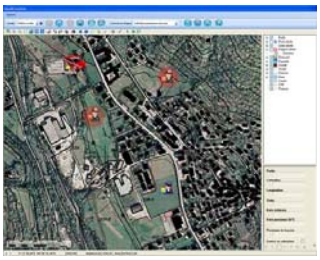
FEATURES

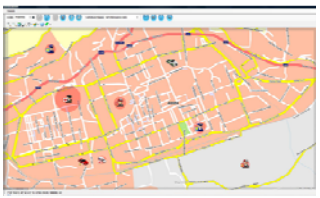
<u>Talk Manager:</u>
- Manages all type of calls - private, group, emergency, call alerts
- Text messages to and from single radio or groups
- Channel/group change, emergency exit
- Ars server management through COM Presence Notifier - radio presence, radio on, radio off and last status message received
- Events Log on Microsoft© SQL Server database
- Advanced function - Radio check, Radio disable/enable, Radio monitor

<u>Talk Finder:</u>
- Supports different maps viewers - Mappoint© , GIS with standard Raster maps and/or vector with multiple layers, NavteqAND©, Teleatlas©, Google Earth©
- GPS revert facility
- GPS position requests by polling or by triggered events defined by the operator
- GPS data with direction, speed and accuracy circle plotted on the map
- Dual monitor: Talk Manager and Talk Finder split in separate monitors

<u>Talk Recorder:</u>
- Digital recording of live radio traffic







SYSTEM REQUIREMENTS:

- Required radio hardware / releases compatibility: MOTOTRBO™ radio DM34xx or DM36xx with firmware releases 01.03.02 or higher
- Required IP technology (PC, Internet, Ethernet): Personal computer with Windows XP SP3 or Vista SP1 with at least 2 USB port, 1Gb RAM (depending on map used), resolution 1280x800 (minimum), Sound card
- Required interfaces: 2 USB ports
- Required know how: MOTOTRBO™ system and CPS usage, Windows© Operating system basic configuration skill, base level knowledge of TCP-IP protocol

COM BY BPG

Target markets (industries, customer segments etc.):

Public Safety, Emergency Services, Transport Enterprises, Municipal Services

PRICE INFORMATION

Talk Manager (Dispatcher), Talk Finder (GPS & Map), Talk Recorder

From € 1.960,00 to € 10.000,00
(depending on modules and options required)

AT-A-GLANCE

GEOGRAPHICAL COVERAGE

EMEA. On request, we can install, configure and support the software remotely by remote assistance.

ORDER TO SHIP CYCLE TIME

Usual delivery time is 10 days.

AVAILABLE LANGUAGE OF THE SOLUTION

Italian and English. (Other languages on request)

COMPANY DETAILS:

Contact: Mr Raniero Bernard
Address: BPG Radiocomunicazioni Srl
Via Nazionale 13
10060 Pinasca (TO)
Italy

Telephone: (+39) 01 21 80 06 69
Web: www.bpg.it
Email: commerciale@bpg.it

SUPPORT:

Languages of the support :
Italian, English, and French
Contact: Mr Raniero Bernard
Hotline number: (+39) 01 21 80 06 69
Available at time : 08:30 – 18:30 CET
Email support: commerciale@bpg.it
Internet: http://www.bpg.it/com/

ROOM FOR LINKS TO FURTHER DOCUMENTATIONS
http://www.bpg.it/com/

ConSEL

DISPATCH CONSOLE, GPS MONITORING, CALL LOGGING, TEXT MESSAGING

PRODUCT DESCRIPTION

ConSEL is a dispatching console integrated with the location system GPS providing a full functionality of MOTOTRBO™ radios from the application level.
ConSEL allows remote control and provides access to radio menu. It also acts as a functional voice recorder, allows call setup and enables data transmission. Dispatcher does not have to use the radio directly because all modes are available from the computer console.

BENEFITS

Fleet and radios can be managed remotely with the possibility to display the radio menu on the screen in the control room. ConSEL is suitable for inter-agency operations i.e. police, ambulance, rescue etc. services for crisis management or security purposes.

- shorter time of ambulance intervention
- improvement of service area
- enhances performance of rescue team
- reporting and analysis
- documentation automatisation
- enhances system reliability & security
- complex and flexible solution

SUPPORTED MODULES

MOTOTRBO (dispatcher, AVL)

FEATURES

- dispatcher
- voice transmission
- data transmission
- remote radio management (channel selection, calls, programmable user button)
- voice recorder
- call detail record
- callings history
- radio menu access
- radio visualization
- text messages
- configurable status system
- telemetry – fuel consumption etc.
- customized maps (also own raster maps editor)
- legible interface, intuitive service, improved ergonomics
- patching (group, individual)
- intercom / chat between Consoles
- support PABX connection (SIP)

SYSTEM REQUIREMENTS:

- Required radio hardware / releases compatibility: MOTOTRBO DM/DP SERIES, firmware v. 1.6,
- Required IP technology (PC, Internet, Ethernet): PC with O.S., Microsoft Windows XP/Vista/7 Pentium III, RAM, 512MB Sound Card,
- Required interfaces: USB for connection to a Base Radio, Ethernet for remote connection, Audio.
- Required know - how: Training for authorized partners and service engineers

ConSEL

Target markets (industries, customer segments etc.):

Public Safety, Municipal Services, Emergency Services, Airports, Government, Utilities, Industry Market (Oil & Gas, Steel Industry), Manufacturing, Warehousing/Logistics.

PRICE INFORMATION

Consel AVL & Dispatcher 1 Licence:	1.500,00 €*
Consel Dispatcher 1 Licence:	750,00 €*
Subscriber Licence (per radio):	45,00 €

Demo Kit for resellers 30% discount
Free Demo Kit is available on request

*prices in standard configuration.

COMPANY DETAILS:

Company: AKSEL Sp. z o.o.
Contact: Sales Department
Address: ul. Lipowa 17
44-207 Rybnik
Poland

Telephone: (+48) 32 42 95 100
Fax: (+48) 32 42 95 103
Web: www.aksel.com.pl
Email: dh@aksel.com.pl

AT-A-GLANCE

GEOGRAPHICAL COVERAGE

EMEA

ORDER TO SHIP CYCLE TIME

Standard orders ship within 14 business days.

AVAILABLE LANGUAGE OF THE SOLUTION

English, Polish

SUPPORT:

Languages of the support: English, Polish
Contact: Mr Michał Adamowicz
Hotline number: +48 691 457 056
Available at time: 08:00 – 16:00 CET
Email support: michal.adamowicz@aksel.com.pl
Internet: www.aksel.com.pl

ROOM FOR LINKS TO FURTHER DOCUMENTATIONS
www.aksel.com.pl

DMRAlert®IN-TRACK

INDOOR TRACKING SYSTEM / TASK MANAGEMENT

PRODUCT DESCRIPTION

This powerful dispatcher offers:
- Full Automatic Indoor Tracking,
- Task Management,
- Lone Worker & Man Down Safety.

DMRAlert® IN-TRACK improves Order and Job Management

DMRAlert® IN-TRACK offers full control and management of MOTOTRBO™ radio fleet. All the radio movements are recorded throughout the site and stored on a central server. Beacons can be configured in the range between 3 and 30 meters. They are battery operated. Multiple floors can be displayed showing all radio locations. Collected data can be presented in a customised report.

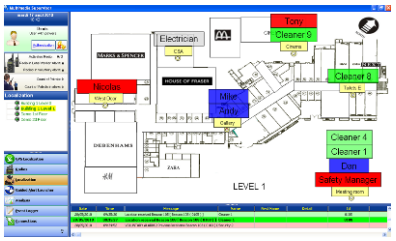
SUPPORTED MODULES

Compliant with conventional MOTOTRBO,
IP Site Connect,
Capacity +

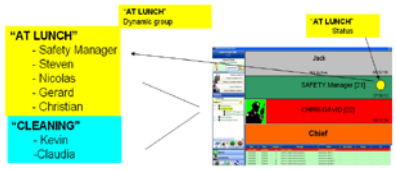
FEATURES

- Full automatic Indoor Tracking system Lone Worker, Man Down, movement, urgency,
- TASK ManagementVisual and audible alarm on PC,
- Group management, Dynamic group management, Temporary workers Guard Tour patrol management
- Status Management
- Enhanced radio - staff management
- Multi Screen
- Multi floor layout maps,
- Text messaging SMS
- Lone Worker / Mandown safetyEnhanced staff – radio – group management
- Audible & Visual Alarm on Supervisor Management of users & their rights
- Networking : several Supervisors on IP
- Real time or pseudo RT Localisation*
- Full Traceability

NEED TO DISPATCH ORDERS /JOBS?
NEED TO KNOW STAFF LOCATION?



NEED TO MANAGE ACTIVITY?



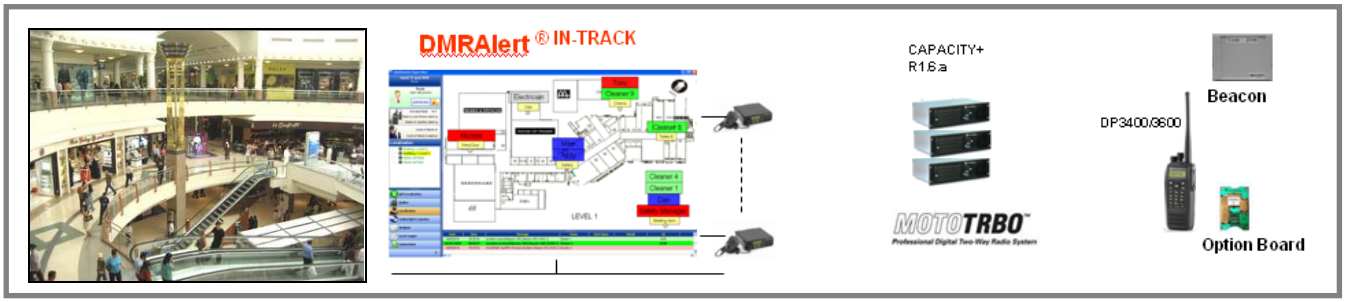
SYSTEM REQUIREMENTS:

- Required radio hardware / releases compatibility: MOTOTRBO™ portable radios
- Required IP technology (PC, Internet, Ethernet): PC Windows XP PRO, IP connectivity, USBs, sound
- Required interfaces: Beacons
- Required know how: Training for installing/programming option board, beacons, software, Windows, IP network, MOTOTRBO™

DMRAlert® IN-TRACK

Target markets (industries, customer segments etc.):

Shopping Centres, Bank, Hospitals, Skyscrapers, Leisure Centres



PRICE INFORMATION

DMRAlert®IN-TRACK packages are available from	€ 7,000.00
Demo equipment available	€ 2,000.00

Please see for further details, Distribution Agreement, Conditions, Account.

Prices are ex-VAT and may change without prior notice.

AT-A-GLANCE

GEOGRAPHICAL COVERAGE

EMEA

ORDER TO SHIP CYCLE TIME

About 15 days if in stock

AVAILABLE LANGUAGE OF THE SOLUTION

English, French

COMPANY DETAILS:

Company: ALSATEL, Subsidiary of Forclum, Eiffage group
Contact: Mr. Denis Schaal
Address: 8 rue des Hérons
67960 ENTZHEIM
France

Telephone: (+33) 3 88 78 97 25
Web: www.alsatel.fr
Email: denis.schaal@alsatel.fr

SUPPORT:

Languages of the support: French, English
Contact: Support Team
Hotline number: (+33) 3 88 78 97 05
Hotline number for France: 0820 00 67 67
Available at time: 09:00 – 17:00 CET
Email support: support.dmralert@alsatel.fr
Internet: www.alsatel.fr

DRC9010 COMMAND & CONTROL DISPATCHER

LOCAL PC BASED SOLUTION, CALL DISPATCHER, GPS

PRODUCT DESCRIPTION

The DRC9010 Command & Control Dispatcher terminal for MOTOTRBO™ radio set offers varied functions for supervision of individual units and fleets. The individual operational elements may be arranged and faded in/faded out depending on user on the screen. Thus the operator interface is customized to the particular application.

In addition to the classic operation of one or more control center radio sets for radiotelephony and short texts, the GPS positions supplied by the radio sets are processed. The positions are indicated alternatively on vectorized maps or appropriate calibrated aerial photos or position plans.

Via the separate window, the dispatcher is informed at any time about the actual configuration of the groups and their current state and may speak directly to the participants.

BENEFITS

The Command & Control Software DRC9010 provides location and visualization of the action force and communication of tasks via “CallOut”. It has software statistics and history functions. In case of major events a “mobile control stations” can be installed.

SUPPORTED MODULES

- Man Down/Tilt switch
- Alarm
- CallOut administration (optionboard DMR910 with CallOut Option is necessary)

FEATURES

- Supervision of several control center radio sets
- Administration of individual or group calls
- Window screen for administration of organizations, groups and individual participants (status screen)
- Sending and receipt of text messages
- Dispatcher functions with state indication
- Emergency call functions
- Chronological schedules with filter function, export function
- Display of GPS positions on vectorized maps and client-specific graphical material (Aerial photos), tracking
- Configurable user interface (configuration of the elements, shortcuts, scale of screen display, etc.)

SYSTEM REQUIREMENTS:

- Required radio hardware / releases compatibility: MOTOTRBO™ Mobile Radio including data transfer cable
- Required IP technology (PC, Internet, Ethernet): PC with USB-Port, MS Windows XP/ Windows 7
- Required interfaces: DMR9100 programming software, Motorola programming cable PMKN4012
- Required know how: DRC9010 Training

DRC9010

Target markets (industries, customer segments etc.): Industry, Public Safety

PRICE INFORMATION

Starting price € 4500,00
less distributor discount

Final price depends on the requested modules

AT-A-GLANCE

GEOGRAPHICAL COVERAGE
Worldwide

ORDER TO SHIP CYCLE TIME
3 days

AVAILABLE LANGUAGES OF THE SOLUTION
English, German

COMPANY DETAILS:

Contact: Sales
Address: ATS Elektronik GmbH
Albert-Enstein-Str. 3
31515 Wunstorf
Germany

Telephone: (+49) 5031 95480
Web: www.ats-web.de
Email: info@atsonline.de

SUPPORT:

Languages of the support :
English, German
Contact: Mr Braeuer
Hotline number: (+49) 5031 95480
Available at time: 09:00 – 18:00 CET
Email support: Wolfgang.Braeuer@ATSonline.de
Internet: www.ats-web.de

For further information regarding applications for safety features and equipments please visit our website.
Please see our general terms of trade. Prices may change without prior notice. All prices in EURO excl. VAT.

EZTRACKER@TRBO™

SIMPLE AVL FLEET TRACKING AND TEXT MESSAGING

PRODUCT DESCRIPTION

eztracker@trbo™ is an application to monitor and contact the fleet via text messaging and using Google Maps. It can connect base station to any PC. eztracker@trbo™ answers the requests of many customers that are interested in locating their subscribers, without requiring a dedicated server or workstation thus minimizing the overall operational costs. It does not require any additional option board or hardware components.

BENEFITS

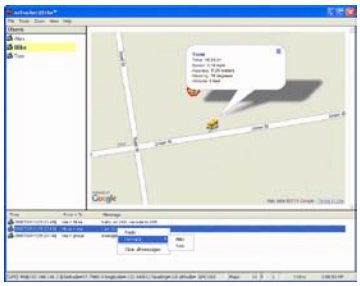
eztracker@trbo™ is an entry level fleet tracking and messaging application that brings simplicity of deployment, management and use. It is ideal for many situations, that require a basic answer to the question “where are my assets now, where have they been and can I exchange text messages with them?”.

- Visualize the individual position of each radio
- Monitor if vehicles are heading into traffic and reroute them appropriately
- Log the location of all assets and play them back
- Text individual or group of radios
- Reply or forward messages
- Maps sharing: users can track from their browsers using remote management tools

SUPPORTED MODULES

eztracker@trbo™ supports any type of MOTOTRBO™ radios, configured for one of the following modes of operation:

- Simplex
- Conventional repeater
- IP site connect
- Capacity Plus
- Enhanced GPS



FEATURES

- Normal or revert GPS configuration
- Displays up to 200 subscribers
- Uses ARS for active radio presence
- Google Maps with optional live traffic
- Different views and zoom levels
- Displays radio position, speed, direction and altitude
- Periodic or immediate location refresh
- Set period update time for individual radios
- Radio aliasing
- Highlight selected radio on the map
- Text a talkgroup or an individual radio
- Log all messages, and reply or forward them
- Excel-compatible logs (CVS format)
- Rapid deployment

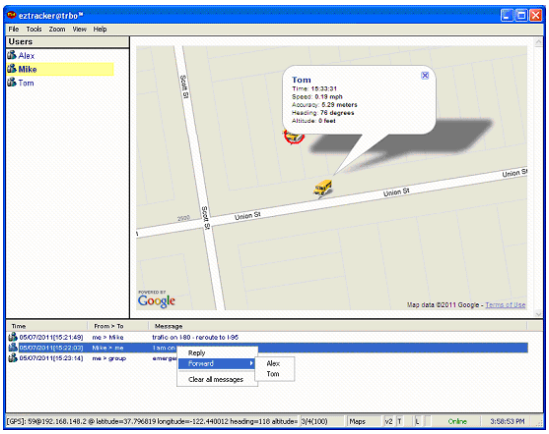
SYSTEM REQUIREMENTS:

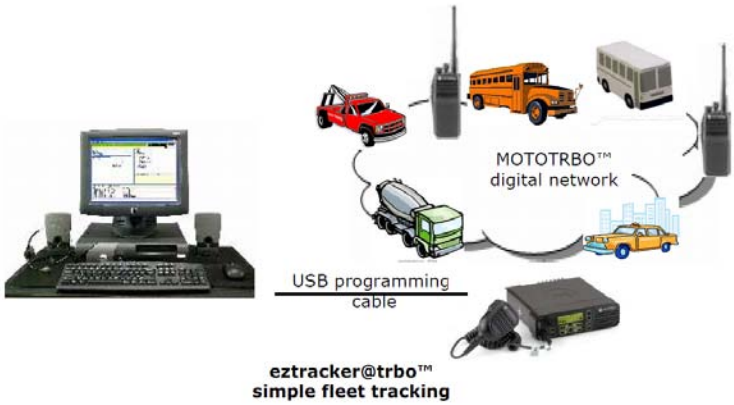
- Required radio hardware / releases compatibility: any Motorola MOTOTRBO radio with firmware 1.04 an up (1.07 for enhanced GPS).
- Required IP technology (PC, Internet, Ethernet): MS-Windows XP / Vista / 7 PC with 1.5GHz CPU and 1GB RAM, DSL-class internet connection (not required for text messaging).
- Required interfaces: USB port for MOTOTRBO radio, Ethernet for Internet access.
- Required know how: besides MOTOTRBO CPS programming, basic PC installation skills.

EZTRACKER@TRBO™

Target markets (industries, customer segments etc.):

Utilities, Taxi operators, Public transit, Municipality operations, Retail delivery operations, Tow truck operators, Health services, Security, Transportation, Hospitality industry, Agriculture, Communications, Construction, Education, Government, Manufacturing, Real Estate, Distribution.





PRICE INFORMATION

- up to 3 radios: free (perpetual demo)
- up to 25 radios: US$1,099 one time only fee
- up to 100 radios: US$1,649 one time only fee
- up to 200 radios: please ask
- optional software maintenance plans
- optional: support

AT-A-GLANCE

GEOGRAPHICAL COVERAGE

Worldwide

ORDER TO SHIP CYCLE TIME

Software: online download. Activation code: within 48 hours

AVAILABLE LANGUAGE OF THE SOLUTION

English, Italian. Other languages available upon request at no extra cost.

COMPANY DETAILS:

Company: TABLETmedia, Inc.
Contact: Alessandro Gatti
Address: 2468 Union Street,
San Francisco, CA 94123
USA

Telephone: +1 (415) 567-8100
Web: www.tabletmedia.com
Email: alexg@tabletmedia.com

SUPPORT:

Languages of the support: English, French, Italian
Contact: Mr. Bernard Shakey
Hotline number: +1 (415) 567-8100
Available at time: 07:00 – 20:00 PST
Email support: support@tabletmedia.com
Internet: www.tabletmedia.com

ROOM FOR LINKS TO FURTHER DOCUMENTATIONS
Datasheet: http://tabletmedia.com/eztracker@trbo.pdf
Manual: http://tabletmedia.com/wt/eztracker@trboGuide.pdf

TABLETmedia

hermesTRX enterprise

FLEET MANAGEMENT, GUARD CONTROL, SECURITY SYSTEM

PRODUCT DESCRIPTION

With the launch of hermesTRX enterprise, hermes microcom is continuing a success story in the MOTOTRBO™ application segment. Equipped with new features such as Geo-Fencing, the integration of various digital mapping platforms and the direct connectivity for up to 16 MOTOTRBO™ radios, hermesTRX is leading the standards in the MOTOTRBO™ application world.
Geo-Fencing has been included to add a layer of certainty to the tracking operations of the fleet. In a typical school bus scenario for example, a fleet of buses will normally operate within a strict geographic area. Should a bus cross the demarcation line, an emergency alert will inform the dispatcher and enables the dispatcher to take appropriate action to ensure the safety of the bus and its passengers. The alerts to the dispatcher cannot only be sent as a normal emergency alert but can also be sent as an email.

BENEFITS

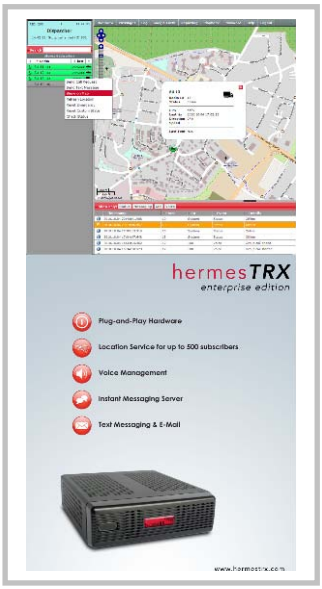
hermesTRX is not simply software. It is a reliable piece of hardware which is easy to access, configure and operate thru a built in web-server.

SUPPORTED MODULES

hermesTRX enterprise supports MOTOTRBO GPS Enhanced, IP Site Connect, Capacity Plus and Connect Plus in 2011

FEATURES

- Plug-and-Play
- Built in web server
- Direct connection of up to 16 voice and data MOTOTRBO™ radios
- Real-Time GPS based Location Tracking for up to 500 subscribers
- Different mapping platforms for worldwide coverage
- Voice call management and logging
- Individual dedicated voice radios for each user
- Web-based two-way text Messaging Service and Email Gateway
- Instant Messaging



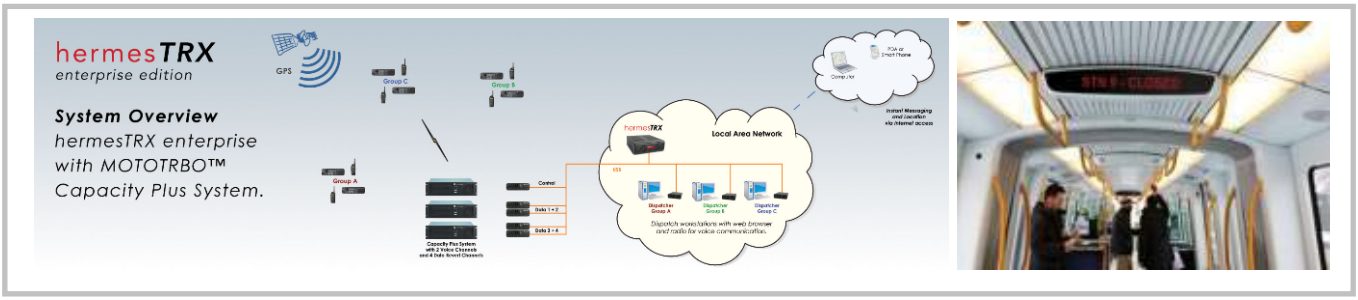
SYSTEM REQUIREMENTS:

- Required radio hardware / releases compatibility: Compatible with all standard GPS enabled MOTOTRBO radios (firmware release 1.6 and higher)
- Required IP technology (PC, Internet, Ethernet): hermesTRX enterprise has application software and MOTOTRBO driver included, no further installation required. For a Multi Dispatcher Environment a Local Area Network is required or an RJ45 Cross Cable for a single Dispatcher environment, respectively. To utilize integrated 2D Mapping Platform (OpenStreetMap) a permanent Internet connection is required. Google Earth can be used for off-line mode
- Required interfaces: Client PC can be any modern Operation System such as all Windows Versions, Mac OSX or Linux. Client PC must have modern Internet Browser installed, e.g. Firefox 3.6+, Google Chrome 6+ or Safari 5+
- Required know how: MOTOTRBO knowledge, normal technical skills, Basic IT knowledge

hermesTRX enterprise

Target markets (industries, customer segments etc.):

Agriculture, Communications, Construction, Education, Finance, Government, Health Services, Hospitality, Insurance, Manufacturing, Mining, Retail, Real Estate, Services, Transportation, Utilities, Wholesale



PRICE INFORMATION

hermesTRX Enterprise from € 699.00

+options such as additional MOTOTRBO Base, additional Web Dispatcher and Man Down option board.

System for multiple users access from local or remote locations through an intranet/internet connected PC and standard Internet browser.

OpenStreetMap.usage is free of charge! Google Earth requires license for commercial use..

COMPANY DETAILS:

Company: hermes microcom GmbH & Co. KG
Contact: Sales
Address: Gautinger Str. 26a
82061 Munich-Neuried
Germany

Telephone: (+49) 89 74 55 470
Web: www.microcom.eu
Email: info@microcom.eu

AT-A-GLANCE

GEOGRAPHICAL COVERAGE

World wide, sold in more than 40 countries

ORDER TO SHIP CYCLE TIME

3 working days

AVAILABLE LANGUAGE OF THE SOLUTION

English, German, French, Spanish

SUPPORT:

Languages of the support: English, German
Contact: Mr. Boris Tkalcevic
Hotline number: (+49) 89 74 55 470
Available at time: 09:00 – 18:00 CET via phone
24 hrs via email
Email support: info@microcom.eu
Internet: www.microcom.eu;

Online Demo: www.hermestrx.com
User level: user name/password
Operator : mototrbo/motorola
Admin : admin/motorola

ROOM FOR LINKS TO FURTHER DOCUMENTATIONS

IP-DCS 250

RADIO DISPATCHER

PRODUCT DESCRIPTION

IP-DCS 250 is an application developed for Electricity Company which needed a dispatcher solution to cover a large area (60.000 sq km) and which operates approx. 2000 subscriber radios on the system.
Up to 250 DR3000 repeaters and a theoretically unlimited number of Dispatch Consoles can be combined in the system.
The system creates a unique and flexible solution designed for the whole operated region, providing a high level of reliability and easy operation for the users.

BENEFITS

IP-DCS 250 is ideal dispatch solution when it is required to cover a large geographical area with a small number of subscribers.

The Dispatch Console is an IP based Touch Screen Console capable of Group Calls, Individual Calls, dispatcher activated telephone interconnect and Radio Check. In case an user requires to get in touch with a dispatcher which is busy, the dispatcher will get an indication on his display. Voice recording, Call logging, Automatic Vehicle Location (AVL) and Text Messaging can be integrated on demand into the system.

SUPPORTED MODULES

Supported type of calls:

- Private or Group Calls from Dispatcher to subscriber radios
- Private or Group Call from subscriber radio to Dispatcher
- Calls from or into internal and external telephone networks
- Individual or Group Calls between subscriber radios within a repeater's area
- Direct communication between the subscriber radios

FEATURES

The dispatch system consists of:

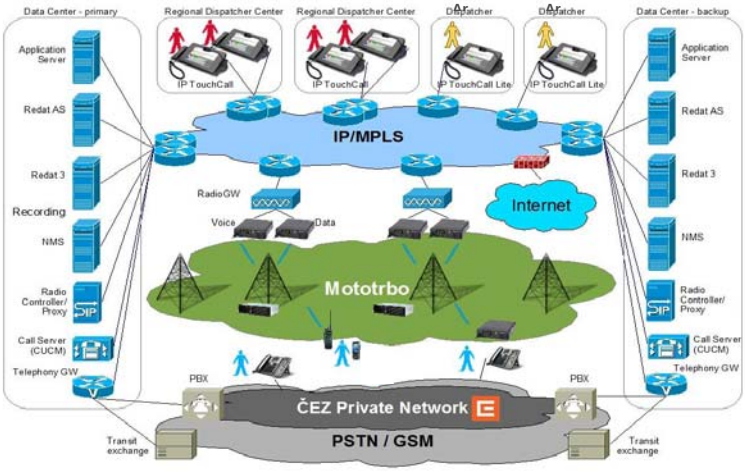
- Subscriber radios
- Dispatch workplaces with desktop dispatching terminals IP TouchCall
- Workplaces for service managers and workflow specialists
- Radio access communication network based on MOTOTRBO™ components
- Two mutually backed-up data centers
- GPS localisation
- Telephone interconnect
- Remote VOIP based console
- Call logging and recording

SYSTEM REQUIREMENTS:

- Required radio hardware / releases compatibility: MotoTrbo Repeaters DR3000, MotoTrbo Mobile Radios DM3400 (for radio gateway) and any MOTOTRBO subscriber radio
- Required IP technology (PC, Internet, Ethernet): A Layer 2(3) Multiprotocol Label Switching (MPLS) network has to be set up/arranged to interconnect the different components of the system
- Required interfaces: Radio gateway
- Required know how: Very good knowledge on IP technology

IP-DCS 250

Target markets (industries, customer segments etc.): Utilities, Railways, Oil and Gas Pipelines and other customers which require a dispatch solution to cover a large geographical area (up to 250 DR3000 can be connected in one system) but operate a relatively small number of subscribers on the network.



PRICE INFORMATION

IP TouchCall Console from	$10,000 to $20,000
Application Server from	$30,000 to $300,000
Redat AS/3 from	$20,000 to $300,000
Call Server incl.	
Radio Controller from	$15,000 and $150,000
Telephone Gateway approx.	$20,000
Radio Gateway (w/o MotoTrbo radios) approx.	$6,300

AT-A-GLANCE

GEOGRAPHICAL COVERAGE
Europe, Eastern Europe, Middle East and Africa

ORDER TO SHIP CYCLE TIME
12 weeks

AVAILABLE LANGUAGE OF THE SOLUTION
Czech, English, Ukrainian and Russian, other languages on request

COMPANY DETAILS:

Contact: Josef Prikryl
Address: KonekTel
Prazska 152
53006 Pardubice
Czech Republic

Telephone: (+420) 466 857 111
Web: www.connectel-cz.com
Email: sales@connectel-cz.com

SUPPORT:

Languages of the support: English, Czech
Contact: Mr Josef Prikryl
Hotline number: (+420) 466 857 111
Available at time: 08:30 – 17:30 CET
Email support: j.prikryl@konektel.cz
Internet: www.connectel-cz.com

ROOM FOR LINKS TO FURTHER DOCUMENTATIONS
Case Study Czech Electricity (CEZ)

MIMER SOFTRADIO

RADIO DISPATCHER

PRODUCT DESCRIPTION

Mimer SoftRadio is a dispatcher software with remote VOIP technology and logging functions for all types of two-way radio users. Together with network interfaces for different types of radios it connects any radio to IP. The system works both over local LAN and over the Internet with the audio as VoIP. This is a perfect solution for small or medium size dispatch centrals with a mix of radio systems and a mix of local and remote radios.

Mimer SoftRadio gives the operator virtual control heads for each radio type, giving the feeling of "-Sitting in front of the radio": The operator has the full control of the radios keypad and its display. The operator can mix analogue radios with Tetra and MOTOTRBO™. Even intercoms and phones can be mixed in the same system.

Each radio operator can handle up to eight radios at the same time on his computer. And each radio can be controlled by up to 99 operators in parallel. Larger versions are also available.

BENEFITS

Mimer SoftRadio takes two-way radio into the computer era. You can use your ordinary PC as a dispatcher console, you can use your office LAN and/or the Internet for distribution. This opens up for completely new types of radio systems and dispatch centres. And it saves you money on leased lines!

SUPPORTED MODULES

With Mimer SoftRadio connected to a MOTOTRBO™ radio, a user can control the radio remotely and also share the same radio with the colleagues. The PC with Mimer SoftRadio is able to control up to 8 radios which can be a mix of analogue, MPT, Tetra and MOTOTRBO™.

FEATURES

- Call Dispatcher
- Call Logging
- Voice Recorder
- Remote VOIP Console
- Cross Patch option
- Speed dial list
- Text export
- External alarm
- Hook switch
- Phone connect etc

Mimer SoftRadio

MotoTrbo
Virtual Control Head

SYSTEM REQUIREMENTS:

- Required radio hardware / releases compatibility: DM3600 or DM3601
- Required IP technology (PC, Internet, Ethernet): Standard Windows PC with o XP, Vista or Win 7, ethernet connection, audio card, microphone and speakers or headset
- Required interfaces: A basic system needs one software license per PC and one network interface per radio
- Required know how: Dealer needs to have good knowledge in both radio systems and PC-LANs

MIMER SOFTRADIO

Target markets (industries, customer segments etc.):

Dispatch Centrals for taxi and currier, Alarm Control Centres, Public Safety Dispatchers, Airports, Industrial Control Rooms, Command and Control Vehicles, Ships

PRICE INFORMATION

Mimer SoftRadio software license / PC	€250
Network Interface, GM380/GM1280	€1.600
Network Interface, DM360x	€1.950
Cable Kit Radio/Interface	€75
CrossPatch option / PC	€430

Please ask for a complete list with all radio models and all options.

AT-A-GLANCE

GEOGRAPHICAL COVERAGE

All over the world. (Currently 16 countries)

ORDER TO SHIP CYCLE TIME

Standard orders ship within two weeks. Please note that many orders are custom designed, please ask for delivery time.

AVAILABLE LANGUAGE OF THE SOLUTION

At the moment the system is available in English, Swedish, Danish and Turkish.
Other languages can be added, please ask.

COMPANY DETAILS:

Company: JMR i Malmö AB
Contact: Sales
Address: Hanögatan 2A
SE-211 24 Malmö
Sweden

Telephone: (+46) 40 627 88 00
Web: www.softradio.se
Email: mimer@jmrab.se

SUPPORT:

Languages of the support: English and Swedish
Contact: Mr. Roland Ehne
Hotline number: (+46) 40 627 88 00
Mobile: (+46) 70 666 80 80
Available at time: 08:00 – 17:00 CET
Email support: mimer@jmrab.se
Internet: www.softradio.se

The web page www.softradio.se contains all information about the Mimer SoftRadio product line. There is also a download page with brochures and technical documentation. We can assist if you need material in other languages.

neoNytro™

RADIO DISPATCHER, OUTDOOR GPS BASED LOCALIZATION

PRODUCT DESCRIPTION

NeoTerra Systems is a provider of Fleet Management solutions for the MOTOTRBO™ Two-Way radio system. neoNytro functionality includes text messaging, location based services, telemetry and automatic registration services.
neoNytro is available in Standalone or Enterprise (Client/Server) versions.
Mapping for neoNytro is provided by either Microsoft MapPoint or customer supplied raster images, making neoNytro ideal for either North American, European, or International markets where MapPoint is not available.

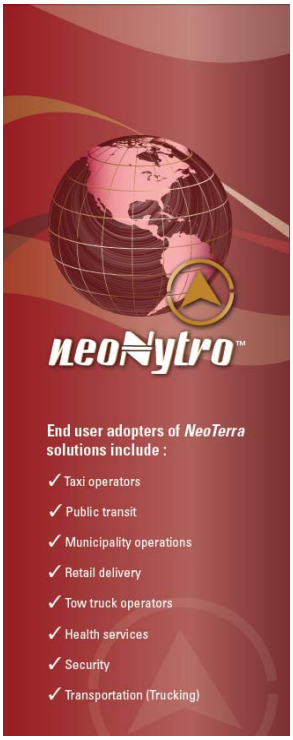
BENEFITS

neoNytro is a premium application for the Motorola MOTOTRBO™ two way radio platform combining messaging, AVL and telemetry with the Motorola Automatic Registration Service (ARS), making a full-featured application.
The combination of geofencing and the NeoTerra Systems Lone worker System brings life safety monitoring capability to MOTOTRBO.
All of the key functionality of the MOTOTRBO platform has been incorporated into a single application making neoNytro a simple application to install and maintain.

NeoTerra has bundled easy to use utilities with neoNytro which simplify the configuration of the base computer and make the importing of raster images an easy exercise.

FEATURES

- Short and Long Messages
- GPS Tracking & revert support
- ARS Registration Functions
- Extensive archives and reporting
- PTT Display
- Bundled Map Maker and setup utilities
- Status Monitoring
- Lone Worker System
- Telemetry Support
- IP Connector feature for 3rd party integration
- Choice of Microsoft MapPoint or customer supplied raster maps



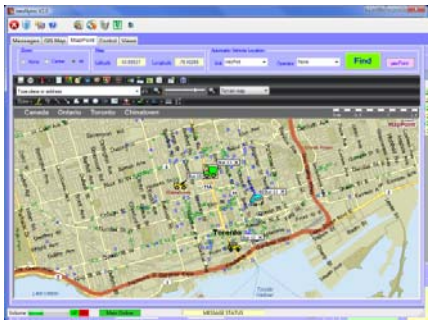
SYSTEM REQUIREMENTS:

- Required radio hardware / releases compatibility: Motorola MOTOTRBO radios, Radio firmware 01.03.xx or higher.
- Required IP technology (PC, Internet, Ethernet): Dual-core 2 GHZ CPU or higher, 4GB of system RAM, Windows XP 32-bit or Windows Vista (Ulitmate or Business edition) 32-bit, up to 2GB of free disk space.
- Required know how: Be able to use Motorola CPS software for programming radios as well as be able to set up neoNytro for use with the MOTOTRBO platform

neoNytro™

Target markets (industries, customer segments etc.):

Utilities, Taxi operators, Public transit, Municipality operations, Retail delivery operations, Tow truck operators, Health services, Security, Transportation, Hospitality industry



PRICE INFORMATION

neoNytro

Advanced Stand-Alone Messaging and AVL Application	$3,499.00

AT-A-GLANCE

GEOGRAPHICAL COVERAGE

Worldwide

ORDER TO SHIP CYCLE TIME

Typically 1 week.

AVAILABLE LANGUAGE OF THE SOLUTION

English

COMPANY DETAILS:

Company: neoTerra Inc
Contact: Carol Crawford
Address: 28 McCullogh Dr
Erin
Ontario
Canada
N0B1T0

Telephone: (+1) 519 833 7588
Web: www.neoterra.ca
Email: carol@neoterra.ca

SUPPORT:

Languages of the support: English
Contact: Carol Crawford
Hotline number: (+1) 519 833 7588
Available at time: 08:00 – 20:00 (UTC -5)
Email support: carol@neoterra.ca
Internet: www.motorola.com

ROOM FOR LINKS TO FURTHER DOCUMENTATIONS

neoNytro Enterprise™

RADIO DISPATCHER, LONE WORKER, TELEMETRY

PRODUCT DESCRIPTION

neoNytro Enterprise™ is a client/server solution with a similar feature set to neoNytro™ combining messaging, AVL and telemetry with the Motorola Automatic Registration Service (ARS) makes a full featured application.

BENEFITS

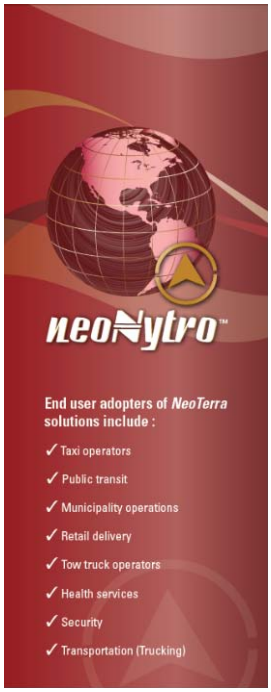
neoNytro Enterprise is a client/server solution that can support up to 10 clients workstations. NeoTerra Systems can provide custom software solutions based on the exact needs of the end user. Using the proven interface with the MOTOTRBO™ systems we are able to build applications utilizing the messaging, telemetry or location based protocols available in the MOTOTRBO™ system.

SUPPORTED MODULES

- Supports Conventional, Trunking or Hosted Trunking modes
- Full support of Capacity plus R.01.05.xx firmware
- Conventional – supports 4 voice plus 4 GPS revert control stations
- Capacity plus – supports 4 voice plus 16 Data revert control stations

FEATURES

- Up to 50 client seats
- Integration of text ONLY client
- GPS ONLY client
- Short and Long Messages
- Email to text gateway
- ARS Registration Functions
- PTT Display (not in Trunking or Hosted mode)
- Status Monitoring



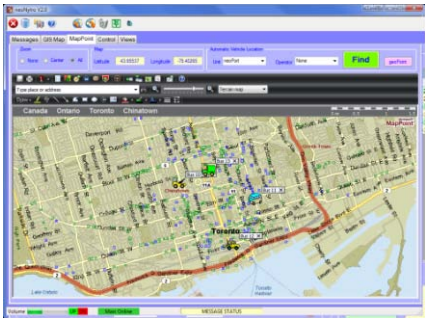
SYSTEM REQUIREMENTS:

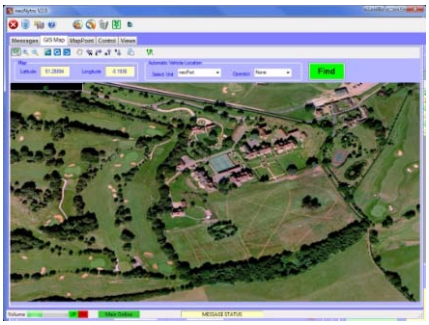
- Required radio hardware / releases compatibility: Motorola MOTOTRBO radios, Radio firmware 01.03.xx or higher.
- Required IP technology (PC, Internet, Ethernet): Dual-core 2 GHZ CPU or higher, 4GB of system RAM, Windows XP 32-bit or Windows Vista (Ulitmate or Business edition) 32-bit, up to 2GB of free disk space.
- Required know how: Be able to use Motorola CPS software for programming radios as well as be able to set up neoNytro for use with the MOTOTRBO platform

neoNytro Enterprise™

Target markets (industries, customer segments etc.):

Utilities, Taxi operators, Public transit, Municipality operations, Retail delivery operations, Tow truck operators, Health services, Security, Transportation, Hospitality industry





PRICE INFORMATION

neoNytro Enterprise Advanced Client/Server Messaging and AVL Application $5,040.00

AT-A-GLANCE

GEOGRAPHICAL COVERAGE

Worldwide

ORDER TO SHIP CYCLE TIME

Typically 1 week.

AVAILABLE LANGUAGE OF THE SOLUTION

English

COMPANY DETAILS:

Company: neoTerra Inc
Contact: Carol Crawford
Address: 28 McCullogh Dr
Erin
Ontario
Canada
N0B1T0

Telephone: (+1) 519 833 7588
Web: www.neoterra.ca
Email: carol@neoterra.ca

SUPPORT:

Languages of the support: English
Contact: Carol Crawford
Hotline number: (+1) 519 833 7588
Available at time: 08:00 – 20:00 (UTC -5)
Email support: carol@neoterra.ca
Internet: www.motorola.com

ROOM FOR LINKS TO FURTHER DOCUMENTATIONS

RADIOLOCATOR

RADIO DISPATCHER FOR MOTOTRBO™ SYSTEM

PRODUCT DESCRIPTION

RadioLocator - is control software, designed for digital radio system MOTOTRBO™. The program includes the basic types of calls, text messaging and GPS positioning.

Interaction with the radio network is organized through the station and connected to the server. Voice calls for all dispatchers as well as SMS and GPS radio reports are transmitted through this radio station.

Only one voice call can take place through the single station at the time, so when one dispatcher speak, other dispatchers are in standby (blocked).

BENEFITS

Client-server architecture of the software simplifies the organization of the dispatcher working places as the dispatcher can be located at any distance from the station!

SUPPORTED MODULES

Software package consists of two parts - the server system (radio-server) and the control dispatch console. Dispatch console is nstalled at the operator working place and designed for network monitoring. The system server is installed on a separate machine and acts as aggregator of dispatch consoles and a gate between the dispatchers and radio network.

FEATURES

- Remote Dispatcher
- Text Messaging
- SMS-Robot
- GPS (GoogleMaps & MapInfo)
- Up to 3 Revert GPS Channels
- Voice Recorder
- Reporting
- Dispatcher Intercom

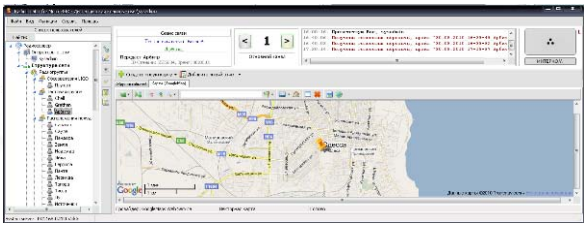
SYSTEM REQUIREMENTS:

- Required radio hardware / releases compatibility: Any MOTOTRBO™ radio (DP or DM) with firmware version 01.03.02 or higher
- Required IP technology (PC, Internet, Ethernet): Windows NT family only (Windows XP and higher) with TCP/IP and Internet Explorer. For GoogleMaps, active internet connection required
- Required interfaces: USB port, Sound and Ethernet Cards
- Required know how: Normal IT skills, MotoTRBO knowledge

RADIOLOCATOR

Target markets (industries, customer segments etc.):

Public Safety, Municipalities, Industrial Plants, Public Transportation, Private Security companies, Ports, Airports, Oil and Gas companies, Mining.



PRICE INFORMATION

Standart packet	USD
1 License of Radio-Server + 1 License of dispatch console	667
Extra Dispatch Console	411
License for Radios	
1-20 radios, price for each	117
21-50 radios, price for each	108
51-100 radios, price for each	100
More 101 radios, price for each	91

COMPANY DETAILS:

Company: Alphatelecom LTD
Contact: Mr. Bereznyak Oleksiy
Address: Ak.Korolev str. 92a
65089 Odessa
Ukraine

Telephone: (+38) 0482 374 896
Fax: (+38) 0482 495 057
Web: www.alphatelecom.com.ua
Email: radiolocator@alphatelecom.com.ua

AT-A-GLANCE

GEOGRAPHICAL COVERAGE

We would like to present on markets of former Soviet Union, because today RadioLocator is only in Russian language. When other languages will appear – we plan to expand geographical coverage.

ORDER TO SHIP CYCLE TIME

Upon request

AVAILABLE LANGUAGE OF THE SOLUTION

Russian

SUPPORT:

Languages of the support: Russian, English
Contact: Mr. Bereznyak Oleksiy
Hotline number: (+38) 0482 374 896
Available at time: 09:00 – 18:00 CET
Email support: radiolocator@alphatelecom.com.ua
Internet: www.alphatelecom.com.ua/radiolocator

ROOM FOR LINKS TO FURTHER DOCUMENTATIONS
www.alphatelecom.com.ua/radiolocator

SafeDispatch v4.0™

RADIO DISPATCHER, VOIP BASED CONSOLE, TEXT MESSAGING, FLEET MANAGEMENT, SERVER/CLIENT SOLUTION, GPS, AVL

PRODUCT DESCRIPTION

SafeDispatch v4.0 is a client-hosted software solution designed for the MOTOTRBO two-way digital radio system. SafeDispatch offers worldwide map coverage through the various versions available with Google and Microsoft MapPoint maps, as well as customer provided maps for a customized solution.

SafeDispatch is enhanced with a variety of location enabled features that offer real-time 24/7 critical information about your mobile assets around the world. SafeDispatch can be configured for language customization to fit local market needs, along with local customer and technical support from our various offices.

BENEFITS

- Client Server Based (web based solution available)
- Embedded Radio Solution is Sensor Compatible
- Customizable Interface
- Integrates with Existing Radio System
- Affordable, ***No Monthly Fees***
- Increased Field Personnel Safety
- Enhanced Reporting
- Improved Field Communications
- Access Critical Fleet Information
- Supports Capacity Plus, IP Site Connect & Connect Plus
- Enhanced Emergency Response Communications
- Easy to Install & Maintain

SUPPORTED MODULES

- **Text Messaging Module**
  Allows for SMS communication between a radio or group of radios and the dispatcher.
- **E-mail Module**
  Enables the dispatcher to communicate with mobile assets from any computer without running the SafeDispatch application on their computer.

  Send & receive messages to/from any email Address.
- **Voice Dispatch Module**
  Enhanced Voice Over IP allows direct communication of dispatcher with drivers.

  Enables real time call recording and logging.
- **GPS Module**
  Delivers a variety of location enabled features which include GeoFencing and Landmarks.
- **Telemetry Module**
  Visually recognize input/output status of all units at a glance.

FEATURES

- GPS Tracking Information
- Text Messaging & E-mail Gateway
- Voice Communication Management
- Telemetry Support
- Polling/immediate location reporting
- Landmarking, GeoFencing & Speed Control
- Event Logging & Alarm Notification
- Live Mapping Interface

SYSTEM REQUIREMENTS:

- Required radio hardware / releases compatibility: MOTOTRBO™ 1.4
- Required IP technology (PC, Internet, Ethernet): Microsoft Windows XP Professional w/Service Pack 2, **CPU:** Intel/AMD 1600 MHz or greater, **RAM:** 1.0 Gb or greater, **Hard Drive:** 40.0GB or greater, **Ethernet Card:** 10/100 LAN, **USB:** USB 2.0 High Speed, Internet available
- Required interfaces: TCP/IP connectivity (LAN,WLAN,VPN)
- Required know how: Basic computer and windows system knowledge

SafeDispatch™

Target markets (industries, customer segments etc.):

Public Safety, Government, Airports, Transportation, Oil & Gas, Mining, Taxi and Limousine, Utilities, Public and Student Transportation, Private Security, Municipal Services, Emergency Services, Fleet Management

PRICE INFORMATION

Server License:	
SafeDispatch v4 Voice Dispatch	$1,768.00
GPS	$455.00
Text	$305.00
Additional Modules Available: Reporting, Email Gateway and Telemetry	
Subscriber License (0-250 users)	$30.00
(additional licenses available as needed)	
Mapping Options:	
Google Maps (per system)	$1,840.00
MapPoint (per client)	$1,120.00
ESRI Runtime Engine (per client)	$1,020.00
Optional Services:	
Remote Support Service, Language Customization	

* To request a quote log on to www.safemobile.com and visit our "Contact Us" section.

AT-A-GLANCE

GEOGRAPHICAL COVERAGE

Worldwide

ORDER TO SHIP CYCLE TIME

SafeDispatch is available to ship in an out-of-the-box solution for customers around the world. For customized systems, suites and/or languages pricing and shipping times may vary. Most systems ship within 72 hours.

AVAILABLE LANGUAGE OF THE SOLUTION

English, Russian, French, Spanish, German, Turkish, Arabic, Romanian; due to its flexible

COMPANY DETAILS:

Company: SafeMobile
Contact: Sales
Address: 3601 E. Algonquin Road, #800
Rolling Meadows
IL 60008 USA

Telephone: (+1) 847 818 9999
Web: www.safemobile.com
Email: safemobile@safemobile.com

SUPPORT:

Languages of the support: English, Russian, French, Spanish, German, Turkish, Arabic, Romanian, Czech, Chinese
Contact: Vanda Cornea-Toner
Hotline number: (1) 847-818-1649 or 866- SAFEMOBILE
Email support: support@safemobile.com
Internet: www.safemobile.com

For more information about our products please visit our website www.safemobile.com.
For further inquiries and questions please email us at safemobile@safemobile.com.

SafeNet Enterprise™

FLEET MANAGEMENT, GPS, AVL, TEXT MESSAGING, E-MAIL WEB-BASED SOLUTION

PRODUCT DESCRIPTION

SafeNet Enterprise is a web-based software application that enables dispatchers to track their staff and mobile assets in the field while providing them the flexibility to monitor their business at the office or from any computer.

Ideal for Operators and Carriers, SafeNet Enterprise offers GPS Tracking with Google Maps, Reporting features and Text Messaging, which in turn can be sold to subscribers. Subscribers log into a customized web page designated with your company name, logo and information.

SafeMobile will host, maintain and manage your database and accounts, while you hold full administrative rights to all of your subscribers. Our web-based software allows you to bill monthly airtime charges out to your customers that utilize this service.

BENEFITS

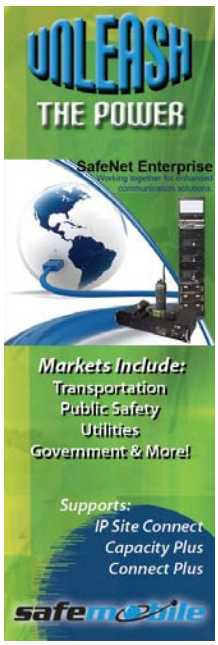
- Web-based Solution
- Customizable Interface
- Integrates with Existing Radio System
- Affordable Monthly Fees
- Increased Field Personnel Safety
- Improved Field Communications
- Access Critical Fleet Information
- Supports Capacity Plus, Conventional, IP Site Connect & Connect Plus
- Enhanced Emergency Response Communications
- Automatic Updates & Enhancements

SUPPORTED MODULES

- **Text Messaging Module**
  Advanced text messaging allows two-way SMS communication between a radio or group of radios and the dispatcher.
- **GPS Module**
  Delivers a variety of location enabled features that offer critical information regarding your mobile assets which include: our GeoFencing feature SafeGate®, Historical Data, Speed & Heading Information and our Landmark feature SafePoint®.
- **Email Module**
  Send messages to any email address and to receive messages sent from any email address. This function enables the dispatcher to communicate with the field from any computer.
- **Reporting Module**
  Comprehensive data interpretation through various reports including: SafePoint Details, SafeGate Information and Speed & Destination Facts.

FEATURES

- GPS Tracking & Monitoring Information
- Text Messaging Gateway/Email
- Voice Communication Management
- SafePoint® – choose and name symbols for your precise location
- SafeGate® - customize boundaries with extreme detail
- Event Logging & Alarm Notification
- Comprehensive Reports



SYSTEM REQUIREMENTS:

- Required radio hardware / releases compatibility: MOTOTRBO™ 1.4
- Required IP technology (PC, Internet, Ethernet): Microsoft Windows XP Professional w/Service Pack 2, **CPU:** Intel/AMD 1600 MHz or greater, **RAM:** 1.0 Gb or greater, **Hard Drive:** 40.0GB or greater, **Ethernet Card:** 10/100 LAN, **USB:** USB 2.0 High Speed, Internet available
- Required interfaces: TCP/IP connectivity (LAN,WLAN,VPN)
- Required know how: Basic computer and windows system knowledge

SafeNet Enterprise™

Target markets (industries, customer segments etc.):

Public Safety, Government, Transportation, Oil & Gas, Taxi and Limousine, Utilities, Public and Student Transportation, Private Security, Municipal Services, Emergency Services, Fleet Management

PRICE INFORMATION

From $100.00

Three Account Logins
Access to 9 Location Based Reports

Available Suites:
GPS Tracking > Text > Email > History > Reporting

Mapping Options:
Google Maps

Optional Services:
Remote Support Service, Language Customization

Compatible with IE9, FireFox 5, Safari and Chrome browsers.

* To request a quote log on to www.safemobile.com and visit our “Contact Us” section.

COMPANY DETAILS:

Company: SafeMobile
Contact: Sales
Address: 3601 E. Algonquin Road, #800
Rolling Meadows
IL 60008 USA

Telephone: (+1) 847 818 9999
Web: www.safemobile.com
Email: safemobile@safemobile.com

AT-A-GLANCE

GEOGRAPHICAL COVERAGE

Worldwide

ORDER TO SHIP CYCLE TIME

SafeNet Enterprise is available immediately for customers around the world through our online customer portal at www.safemobile.com. For customized languages and pricing contact us at safemobile@safemobile.com.

AVAILABLE LANGUAGE OF THE SOLUTION

English, Russian, French, Spanish, German, Turkish, Arabic, Romanian, Czech, Chinese

Due to its flexible GUI, SafeNet Enterprise can easily be translated into any language.

SUPPORT:

Languages of the support: English, Russian, French, Spanish, German, Turkish, Arabic, Romanian, Czech, Chinese
Contact: Vanda Toner
Telephone: +(1) 847-818-1649
Email support: support@safemobile.com
Internet: www.safemobile.com

For more information about our products please visit our website www.safemobile.com.
For further inquiries and questions please email us at safemobile@safemobile.com.

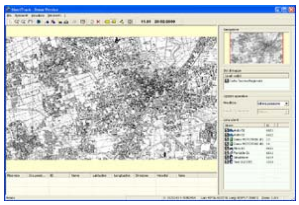
ShortTrack*GT*

AUTOMATIC VEHICLE LOCATION APPLICATION

PRODUCT DESCRIPTION

ShortTrack is AVL software for small/medium fleets designed to operate over a professional mobile radio (PMR) channel.
Able to operate on analog and digital radio networks using any type of terminal equipment (mobile and portable), ShortTrack is designed to support the radio operator, granting the full situation awareness about fleet and force deployment.
The two-maps design allows the radio operator to focus on specific zone, keeping the control on the whole working area.
Easy to use, zero-days training, ShortTrack keeps involved the radio operator in the decision loop, even in emergency conditions.
Automatic management of the field information feedback and distance-based contact book sorting improves an efficient fleet coordination.
Due to the variety of communication devices, ShortTrack can be integrated with existing radio network, localizing only the terminals equipped with localization hardware.
User defined markers aid to define fixed radio station or specific points of interest.
Using TrackViewer application it is possible to perform off-line track and path analysis.
Integration with CCTV systems allows the direct control of the field.

BENEFITS



ShortTrack is a cost effective solution for small/ medium fleet and can be as simple as one single operator working with a stand-alone laptop computer or a large control centre with several parallel operating positions, running on client server architecture. The native full integration with Codice voice and text dispatcher expands the system functions to a complete voice and data solution.

SUPPORTED MODULES

Vector data, raster and CAD formats are supported, allowing having always up-to-date maps.

FEATURES

- AVL for small/medium size fleets
- Off line reports (with TrackViewer)
- Operates as standalone or client-server option
- Scalable from 1 to many operators
- Easy to use
- Affordable
- Can be integrated with existing network

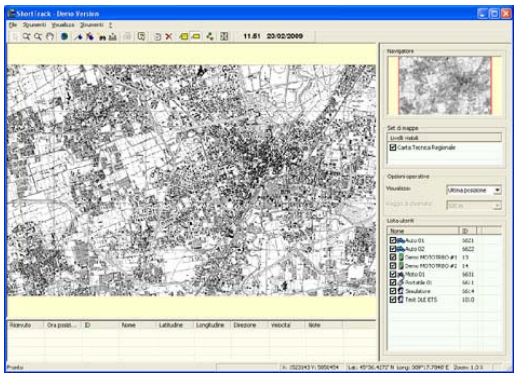
SYSTEM REQUIREMENTS:

- Required IP technology (PC, Internet, Ethernet): PC with Pentium® III 700 MHz minimum processor, Microsoft Windows® 2000 or later operating system, 128 MB of RAM, XGA (1024x768) of higher-resolution monitor
- Required interfaces: RS232 port for conventional radios. USB port for MOTOTRBO radios. Ethernet card for client/server architectures.

ShortTrack*GT*

Target markets (industries, customer segments etc.):

Public Safety (Police, Ambulance, Fire Brigades), Rescue Services, Transportation, Industry market (Oil & Gas, Steel Industries …)



PRICE INFORMATION

Short-Track web	€ 2.500,00
Short-Track GT (maps excluded)	€ 3.000,00
Short-Track Client	€ 1.500,00

AT-A-GLANCE

GEOGRAPHICAL COVERAGE

EMEA

ORDER TO SHIP CYCLE TIME

Two weeks

AVAILABLE LANGUAGE OF THE SOLUTION

Italian, English

COMPANY DETAILS:

Company: SAITEL Telecomunicazioni s.r.l.
Contact: Sales
Address: Via Pacinotti, 23
20092 Cinisello Balsamo
(Milano)
Italy

Telephone: (+39) 02 66 01 47 77
Fax: (+39) 02 61 28 620
Web: http://www.saiteltelecomunicazioni.it
Email: dir.commerciale@saiteltelecomunicazioni.it

SUPPORT:

Languages of the support: Italian, English
Contact: Mr. Carlo Banfi
Hotline number: (+39) 02 66 01 47 77
Available at time: 09:00 – 18:00 CET
Email support: support@saiteltelecomunicazioni.it
Internet: www.saiteltelecomunicazioni.it

ROOM FOR LINKS TO FURTHER DOCUMENTATIONS
Available on web on request.

SmartPTT Advanced

DISPATCHER, GPS, TELEPHONE INTERCONNECT

PRODUCT DESCRIPTION

SmartPTT Advanced is a solution which implements all capabilities of the MOTOTRBO™ platform. SmartPTT is used to create distributed dispatcher systems with numerous dispatchers and base stations.
The SmartPTT Advanced architecture allows to control customer networks of any size and structure. SmartPTT allows using either digital functions of the MOTOTRBO radios or its analog mode for step-by-step transformation into DMR system.
SmartPTT Advanced implements 5 major sets of functionality:

- Radio Dispatch
- GPS Monitoring
- Data Transmission
- Event and Voice Logging
- Telephone Interconnect

BENEFITS

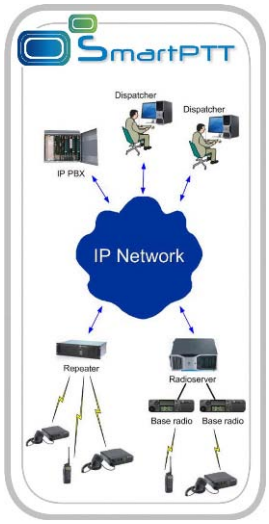
- Enhanced quality of subscriber monitoring in the network
- Improved performance discipline of employees
- Expenses management
- Personnel safety
- Rapid response to emergency
- Elimination of data transmission errors
- Double call capacity

SUPPORTED MODULES

SmartPTT supports analogue and digital mode and integration with telephone networks via VOIP.

FEATURES

- Individual, Group and All calls
- Telephone Interconnect
- Dispatchers Intercommunication over VoIP
- Multiple base stations controlled by dispatcher via IP
- Automatic subscriber registration
- Text message service
- Email gateway
- Sound receiving from several base stations simultaneously
- Voice calls recording
- Dispatcher authorization
- Subscriber positioning on a map (using built-in GPS)
- Open Vector and Raster maps, Google Map, MapPoint, MapInfo support
- Movement track visualization and animation
- Geofencing
- Telemetry support
- Subscriber status control
- Rules and Alerts functionality
- Event Log
- Analogue Radio support



SYSTEM REQUIREMENTS:

- Required radio hardware / releases compatibility: MOTOTRBO radio with firmware 1.6 and above
- Required IP technology (PC, Internet, Ethernet): PC, Windows XP/2003/Vista/Windows 7, Pentium, 2 Gb RAM, Sound Card
- Required interfaces: Ethernet, Audio, USB
- Required know how: PC experienced user

SmartPTT Advanced

Target markets (industries, customer segments etc.):

Ideal solution for small or middle dispatch systems without MotoTRBO repeaters.
Power (Generating companies, Electricity facilities), Emergency Services (Ambulance services, fire brigades), Mines, Industrial Plants, Factories, Security, Airports

Public Transportation

Ambulance Service

PRICE INFORMATION

3 months demo license	FREE
SmartPTT Advanced Base package (1 dispatcher, 1 server, 5 subscribers)	€ 940.00

Optional modules:
Additional Subscriber, Radioserver, Dispatcher Console Licenses, Telephone Interconnect Licenses, Radioserver Data Registration Licenses. Prices by request.

AT-A-GLANCE

GEOGRAPHICAL COVERAGE

Worldwide

ORDER TO SHIP CYCLE TIME

1 business day

AVAILABLE LANGUAGE OF THE SOLUTION

English, German, French, Italian, Spanish, Russian, Polish, Arabic, Korean, Portuguese, others on request

COMPANY DETAILS:

Contact: SmartPTT Sales Team
Address: Elcomplus LLC
130a Frunze avenue
Tomsk 634021
Russian Federation

Telephone: (+7) 3822 522 511
Web: www.smartptt.com
Email: info@smartptt.com

SUPPORT:

Languages of the support: English, Russian
Contact: SmartPTT Support Team
Hotline number: (+7) 3822 522 511
Available at time: 09:00 – 18:00 (GMT+6)
Email support: support@smartptt.com
Internet: www.smartptt.com

ROOM FOR LINKS TO FURTHER DOCUMENTATIONS
Visit our site at www.smartptt.com

SmartPTT Enterprise

DISPATCHER, GPS, TELEPHONE INTERCONNECT

PRODUCT DESCRIPTION

SmartPTT Enterprise implements complex dispatching control over MOTOTRBO™ networks. It includes all functionality of SmartPTT Advanced but uses different architecture. It is ideal solution for networks based on MOTOTRBO repeaters (stand-alone repeaters, IP Site Connect or Capacity Plus) while SmartPTT Advanced is better suited for small systems. SmartPTT Enterprise connects directly to MOTOTRBO repeaters through IP protocol. All data and voice activities are logged as well as which repeater and subscriber was used. This way it is possible to know the approximate location of the radio without the GPS receiver. It also provides the Routing Service for MOTOTRBO IP Site Connect system, which allows joining multiple IP Site Connect systems into single radio network based on pre-defined routes or dynamic routing of the private calls between networks.

BENEFITS

- Direct control over MOTOTRBO IP Site Connect or Capacity Plus which improves control of the radios
- Optimized architecture that allows effective dispatching system of any size and topology
- Cost effective due to the server infrastructure
- Rapid deployment
- Breaks the limit of 15 repeaters per MOTOTRBO IP Site Connect

SUPPORTED MODULES

Conventional MOTOTRBO, IP Site Connect, Analogue Radios, Telephone subscribers

FEATURES

- Remote VoIP-based console
- Telephone Interconnect
- Multiple concurrent channels to telephone network
- Dispatchers Intercommunication over VoIP
- Radio Check
- Radio Kill
- Customizable Subscriber Call Windows
- Highly-customizable Dispatcher Console with multi-touch support
- Sound receiving from several base stations simultaneously
- Voice calls recording in MP3 format
- Dispatcher authorization
- Cross-patch
- Open Vector and Raster maps, Google Map, MapPoint support
- Movement track visualization and animation
- Email Gateway
- Telemetry Commands Control
- Lone Worker
- Reports
- Database back-up and restore
- Analogue Radio support
- Effective use of control stations in Capacity Plus systems
- Real time system monitoring, in-depth analysis and control over connected MOTOTRBO infrastructure

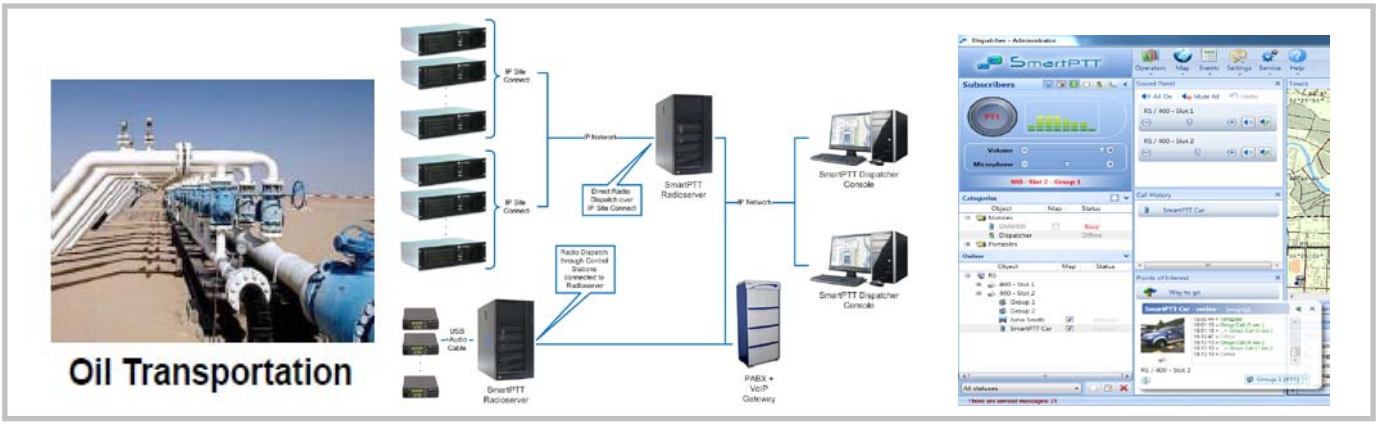
SYSTEM REQUIREMENTS:

- Required radio hardware / releases compatibility: MOTOTRBO radio with firmware 1.6 and above, latest firmware recommended
- Required IP technology (PC, Internet, Ethernet): PC, Windows XP/2003/Vista/Windows 7, Pentium, 2 Gb RAM
- Required interfaces: Ethernet, Audio, USB
- Required know how: PC experienced user

SmartPTT Enterprise

Target markets (industries, customer segments etc.):

Ideal solution for middle and large dispatch systems based on MOTOTRBO repeaters: stand-alone repeaters, IP Site Connect or Capacity Plus. Suitable for: Pipelines (Oil & Gas), Public Transportation (Buses, taxi), Energy Electricity facilities, Railroads, Emergency Services (Ambulance services, fire brigades), Highways, Mines, Industrial Plants, Security, Police, Airports, Government authorities



PRICE INFORMATION

3 months demo license	FREE
SmartPTT Enterprise Base package (1 dispatcher, 1 server, 10 subscribers)	€ 2000.00

Optional modules:
Additional Subscriber, Radioserver, Dispatcher Console Licenses, Repeater Connection Licenses, Routing Service Licenses, Telephone Interconnect Licenses, Radioserver Data Registration Licenses. Prices by request.

AT-A-GLANCE

GEOGRAPHICAL COVERAGE

Worldwide

ORDER TO SHIP CYCLE TIME

1 business day

AVAILABLE LANGUAGE OF THE SOLUTION

English, German, French, Italian, Spanish, Russian, Polish, Arabic, Korean, Portuguese, others on request

COMPANY DETAILS:

Contact: SmartPTT Sales Team
Address: Elcomplus LLC
130a Frunze avenue
Tomsk 634021
Russian Federation

Telephone: (+7) 3822 522 511
Web: www.smartptt.com
Email: info@smartptt.com

SUPPORT:

Languages of the support: English, Russian
Contact: SmartPTT Support Team
Hotline number: (+7) 3822 522 511
Available at time: 09:00 – 18:00 (GMT+6)
Email support: support@smartptt.com
Internet: www.smartptt.com

ROOM FOR LINKS TO FURTHER DOCUMENTATIONS
Visit our site at www.smartptt.com

TEXT@TRBO™

SIMPLE TEXT TO EMAIL GATEWAY

PRODUCT DESCRIPTION

text@trbo™ allows individual radios to be reached via email. Radios can send, receive and reply to emails as text messages. text@trbo was uniquely designed as a true middleware component: it is very easy to deploy, it is effective and can run un-attended for years. Minimal configuration is required: you only need to enter the email server and the list of email addresses allowed to reach the radios: it automatically detects control stations and subscribers!

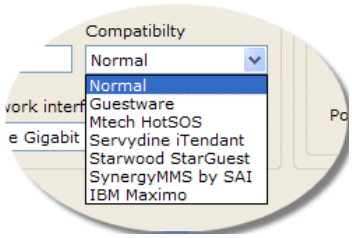
BENEFITS

- Increases employee productivity
- Messaging is inherently faster, more accurate and less obtrusive than voice communications
- Uses email to reach cell phone users via SMS
- Creates a mobile radio-email hotspot by running it on a notebook with a 3G card.
- Messages are stored locally and forwarded again if the radio is unavailable

SUPPORTED MODULES

text@trbo™ supports any type of MOTOTRBO™ radios, configured for one of the following modes of operation:

- Simplex
- Conventional repeater
- IP site connect
- Capacity Plus



FEATURES

- Private and group messages
- Unlimited number of radios and email users
- Support for up to 24 control stations
- Supports SSL authentication
- Unlimited message storage
- Automatically starts with Windows
- Thin client with light CPU utilization
- Bounce back email notification

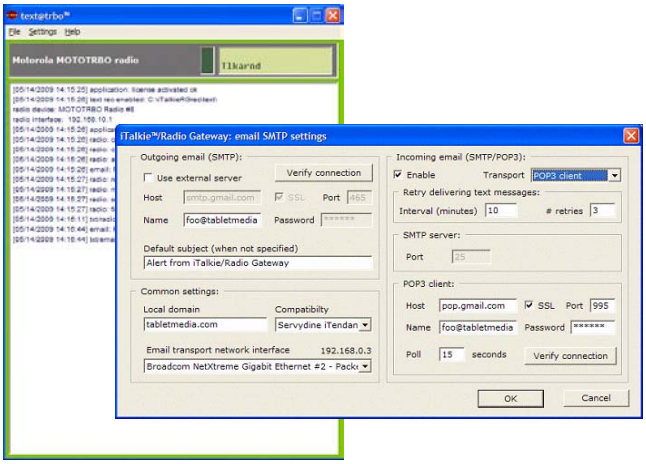
SYSTEM REQUIREMENTS:

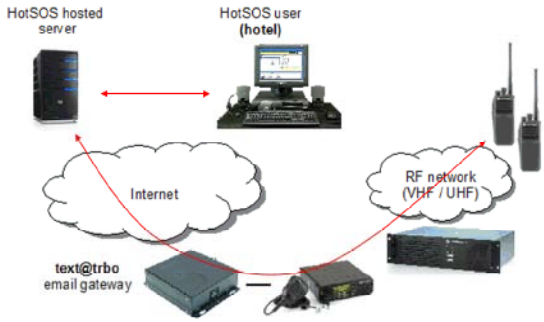
- Required radio hardware / releases compatibility: any Motorola MOTOTRBO radio with firmware 1.04 an up.
- Required IP technology (PC, Internet, Ethernet): MS-Windows XP / Vista / 7 PC with 1.5GHz CPU and 1GB RAM, email server (e.g. onsite MS-Exchange or offsite Goodle Apps, GoDaddy, etc.).
- Required interfaces: USB port for MOTOTRBO radio, Ethernet for network access.
- Required know how: besides MOTOTRBO CPS programming, basic PC installation skills.

TEXT@TRBO™

Target markets (industries, customer segments etc.):

Hospitality industry, Utilities, Public transit, Municipality operations, Retail delivery operations, Tow truck operators, Health services, Security, Transportation, Agriculture, Communications, Construction, Education, Government, Manufacturing, Real Estate, Distribution





PRICE INFORMATION

- software: US $1,650 one time only license fee
- optional turnkey system: $600
- optional software maintenance plans
- optional: support

AT-A-GLANCE

GEOGRAPHICAL COVERAGE

Worldwide

ORDER TO SHIP CYCLE TIME

Software: online download. Activation code: within 48 hours. Turnkey systems: 10 days

AVAILABLE LANGUAGE OF THE SOLUTION

English. Others available upon request.

COMPANY DETAILS:

Company: TABLETmedia, Inc.
Contact: Alessandro Gatti
Address: 2468 Union Street,
San Francisco, CA 94123
USA

Telephone: +1 (415) 567-8100
Web: www.tabletmedia.com
Email: alexg@tabletmedia.com

SUPPORT:

Languages of the support: English, French, Italian
Contact: Mr. Bernard Shakey
Hotline number: +1 (415) 567-8100
Available at time: 07:00 – 20:00 PST
Email support: support@tabletmedia.com
Internet: www.tabletmedia.com

ROOM FOR LINKS TO FURTHER DOCUMENTATION:
Datasheet: http://tabletmedia.com/text@trbo.pdf
Quickstart Guide: http://tabletmedia.com/wt/text@trbo_quickstart.pdf
Manual: http://tabletmedia.com/wt/text@trboGuide.pdf

TABLETmedia

TRAKRANGER

AVL LOCATION TRACKING

PRODUCT DESCRIPTION

TrakRanger provides location tracking and lone worker monitoring, integrated with a powerful event-driven alert system. Unlike most AVL solutions, TrakRanger is viable for both small and large fleets, due to its zero-capital outlay.

TrakRanger is the perfect choice for managing and monitoring your work force, providing graphical mapping and telemetry, emergency alert functionality and management of multiple segregated departments.

TrakRanger is a web-based solution, which can be cloud-based or locally hosted, any number of operators can use the system concurrently, from anywhere where there is Internet access, with no software installation required and regardless of operating system.

As well as Motorola digital radio systems, TrakRanger also supports MPT1327, GPS-enabled smart phones, GSM personal trackers such as MAMBO2, vehicle tags and more.

The TrakRanger interface is as simple to use as a web site, removing the need for end-user training.

BENEFITS

- Zero-capital outlay
- Hosted, infinitely scalable solution
- Rapid deployment
- Web-browser based zero-install client
- Lone Worker protection
- Man Down monitoring
- Audible and visible alerting
- Flexible notification system
- Multiple unlimited concurrent operators
- Powerful and user-friendly interface

FEATURES

- Cross-platform capability
- Cross-browser compatibility
- Internet mapping - Ordnance Survey, Google & Open Street Map
- Custom mapping - Bitmap/raster & ESRI/vector
- Text messaging
- Multi-operator, multi-channel and multi-protocol
- Real time and historic built-in reporting
- Flexible access control levels
- Geofencing and Event Alert Rules
- Built-in diagnostic tools
- Infrastructure monitoring

SYSTEM REQUIREMENTS:

- Compliant with MOTOTRBO DM & DP Series radios, MPT1327 & GSM Tracking devices
- All operating systems and main stream web browsers (Internet Explorer 6+, Firefox, Chrome, Safari, iPad/iPhone and most smart phones)
- Required interfaces: USB connection into DM or DP radio for data collection
- Simple to use system that requires minimal training or knowledge to operate
- Available as a Hosted/Cloud service with zero-cost implementation

TRAKRANGER

Target markets (industries, customer segments etc.):

Public sector, local authorities, commercial sector, transportation, Radio HIRE (short and long term)

PRICE INFORMATION

Dealer set up, branding and on-going support	FREE
MOTOTRBO Interface software	FREE
MOTOTRBO Data interface unit (optional)	£500
Tracked devices	£5 per month
Operators logins	FREE

AT-A-GLANCE

GEOGRAPHICAL COVERAGE

Worldwide via appointed distributors

ORDER TO SHIP CYCLE TIME

Immediate, dealers are empowered to create new systems directly via a web portal

AVAILABLE LANGUAGE OF THE SOLUTION

English (UK), translations available on request

COMPANY DETAILS:

Company: TrakRanger Ltd
Contact: Kevin Golding
Address: 78 High Beeches
Banstead
Surrey
SM7 1NW

Telephone: (44) 1372 700 132
Web: www.trakranger.co.uk
Email: info@trakranger.co.uk

SUPPORT:

Languages of the support: English
Contact: Mr Kevin Golding
Hotline number: (44) 1372 700 132
Available at time: 08:00 – 18:00 GMT
Mail support: support@trakranger.co.uk
Internet: www.trakranger.co.uk

ROOM FOR LINKS TO FURTHER DOCUMENTATIONS
User manual and further information available at www.trakranger.co.uk

TRBOnet PROFESSIONAL

RADIO DISPATCHER, REMOTE VOIP BASED CONSOLE

PRODUCT DESCRIPTION

TRBOnet Professional is a PC based client-server software application for the MOTOTRBO two-way digital radio system and uses capacities of a digital standard DMR and IR protocol embodied in radio stations MOTOTRBO.

BENEFITS

With TRBOnet features you can track what is important for you on a live map, send and receive text messages while dispatchers can be placed remotely anywhere where internet access is provided. There is also available TRBONet Standart version which allows Radio Server and Dispatcher Console to work on one PC. This solution is cost efficient for small companies.

SUPPORTED MODULES

- Different types of maps: Google Earth, Ingit vector maps, user's raster maps, etc
- IP Site Connect
- Voice IP
- Encrypted Data between Radio Server and Dispatchers
- Digital and Analogue radios

FEATURES

- Voice Communications Management
- Voice Recording
- ARS Functions
- GPS Positioning (raster or vector maps)
- Group and Personal calls, Remote Monitoring
- Text Messages
- Telemetry Support
- Status Monitoring
- Event Logging
- Reporting
- Lone Worker
- Intercom
- Access to a radio channel through a PC
- All types of calls
- Email gateway
- Revert GPS
- Flexible workflow system
- based on buit-in telemetry MOTOTRBO
- SMS Alert Notification - integration with cell phones

SYSTEM REQUIREMENTS:

- Required radio hardware / releases compatibility: MOTOTRBO radio with firmware 1.2 and above. If you want use a portable radio as Base Station Radio, you need make some changes in radio. Please contact us for additional information
- Required IP technology (PC, Internet, Ethernet): Windows based PC, Pentium III, RAM 512 MB, Sound Card
- Required interfaces: USB for connection to a Base Radio, Ethernet for Remote connection
- Required know how: PC experienced user

TRBOnet PROFESSIONAL

Target markets (industries, customer segments etc.): The solution is developed for creation of system of communication, dispatcher centrals, management and monitoring for different organizations or enterprises, like as Police, Security, Taxi, Medical, Transportation, Hospitality, Construction, etc.

PRICE INFORMATION

TRBONet Radio Server	€ 415.00
TRBONet Remote Dispatcher Console	€ 360.00
Subscriber licenses 5-20 radios (per radio)	€ 97.00
Subscriber licenses 21-50 radios (per radio)	€ 89.00
Subscriber licenses 51-100 radios (per radio)	€ 83.00
Additional 10 subscriber licenses	€ 888.00
Additional 25 subscriber licenses	€ 2,083.00
Additional 50 subscriber licenses	€ 3,750.00

COMPANY DETAILS:

Company: Neocom Software Ltd
Contact: Sales
Address: 29, 8th line, Vasilievskiy Ostrov
199004 Saint-Peterburg
Russian Federation

Telephone: (+7) 812 32 70 567
Web: www.trbonet.com ; www.trbonet.ru
Email: info@trbonet.com ; trbonet@neocomspb.ru

AT-A-GLANCE

GEOGRAPHICAL COVERAGE
Worldwide

ORDER TO SHIP CYCLE TIME
4 hours. We need info about your Radio Server (utility for information collection you can download from www.trbonet.com). Then we will send to you the activation key. Application software you must download from our site.

AVAILABLE LANGUAGE OF THE SOLUTION
German, French, Spanish, Italian, English, Portuguese, Polish, Czech, Russian. Other languages possible on request.

SUPPORT:

Languages of the support: English, Russian
Contact: Mr. Vladimir Gorbachev
Hotline number: (+7) 812 32 70 567
Available at time: 09:00 – 18:00 (GMT+3)
Email support: info@trbonet.com
Internet: www.trbonet.com

TRBOnet Enterprise 2.6

ADVANCED DISPATCHER SOFTWARE FOR CAPACITY PLUS

PRODUCT DESCRIPTION

TRBOnet Enterprise is a PC based client-server dispatcher software application for the MOTOTRBO Professional Digital Two-Way Radio System. TRBOnet was built specifically for the MOTOTRBO™ system. It is a premium application for MOTOTRBO™ Capacity Plus offering the unique features and a leading edge solution for the MOTOTRBO™ based applications.

BENEFITS

TRBOnet Enterprise is a professional grade application especially developed for Dispatch centers that monitor large amounts of traffic. It supports digital as well as analog channels that could be helpful for clients during their migration period. Also makes response during emergency situations quick and effective, and can be used to link multiple agencies or departments at the touch of a button by the dispatcher.

SUPPORTED MODULES

- Different types of maps: Google Earth, MapPoint 2009, ESRI, MapInfo or just user's raster maps
- Single MOTOTRBO™ repeaters
- IP Site Connect
- Capacity Plus
- Digital and Analogue radios

FEATURES

- Voice Communications Management and Voice Recording
- Cross Patch (Cross Band)
- Intercom and TX passive
- GPS Positioning (vector or raster maps)
- GeoFencing and Speed Control
- Group and Private calls, Remote Monitoring
- Text Messages, Email Gateway and SMS Gateway
- Telemetry Support
- Event Logging
- Reporting and Statistics
- Lone Worker and Stun Kill "passive"
- User Activity and Status Monitoring
- TCP/IP Data Encryption

SYSTEM REQUIREMENTS:

- Required radio hardware / releases compatibility: MOTOTRBO radio with firmware 1.4.3 and above
- Required IP technology (PC, Internet, Ethernet): Pentium III, RAM 512 MB, Sound Card, Windows XP / Vista, USB Multichannel Device Driver
- Required interfaces: USB cable connector for each Base Radio
- Required know how: PC experienced user

TRBOnet ENTERPRISE 2.6

Target markets (industries, customer segments etc.):

Public Safety, Emergency Services, Transport Enterprises, Municipal Services, Police, Security, Taxi, Medical, Transportation

PRICE INFORMATION

TRBOnet RadioServer, 4 channels, 4 dispatchers, 25 subscriber units	€ 4,125.00
Additional Subscriber licenses	€ 45.00
Additional Remote Dispatcher Console	€ 375.00
Additional Voice Channel	€ 975.00
TRBOnet Remote RadioGateway	€ 975.00
Demo version	FREE

AT-A-GLANCE

GEOGRAPHICAL COVERAGE

Worldwide

ORDER TO SHIP CYCLE TIME

4 hours. We need info about your Radio Server (utility for information collection you can download from www.trbonet.com). Then we will send to you the activation key. Application software you must download from our site.

AVAILABLE LANGUAGE OF THE SOLUTION

German, French, Spanish, Italian, English, Portuguese, Polish, Czech, Russian. Other languages possible on request.

COMPANY DETAILS:

Company: Neocom Software Ltd
Contact: Sales
Address: 29, 8th line, Vasilievskiy Ostrov
199004 Saint-Peterburg
Russian Federation

Telephone: (+7) 812 32 70 567
Web: www.trbonet.com ; www.trbonet.ru
Email: info@trbonet.com ; trbonet@neocomspb.ru

SUPPORT:

Languages of the support: English, Russian
Contact: Mr. Vladimir Gorbachev
Hotline number: (+7) 812 32 70 567
Available at time: 09:00 – 18:00 (GMT+3)
Email support: info@trbonet.com
Internet: www.trbonet.com

VITEX®TRBO

RADIO DISPATCHER, CALL LOGGING, TELEMETRY

PRODUCT DESCRIPTION

VITEX®TRBO is a software complex of dispatching MOTOTRBO radio communication system. The combination of digital radio communication system MOTOTRBO and software complex VitexTRBO offers a modern solution of high quality mobile voice communication and integrated data communication.

BENEFITS

VITEX®TRBO allows working of several dispatchers. It supports telephone interface and GPS navigation and offers voice and data communication.

SUPPORTED MODULES

VITEX®TRBO enables data dispatch via:
•Single channel – a solution for single-region coverage without use of repeater. Allows working of several dispatchers.
•Multichannel – a solution for single-region coverage with increased number of subscribers and separation of communication network services by different channels/slots. One or two repeaters are used. Allows working of several dispatchers.
•Multi-region (IP Site Connect Mode) – a solution for multi-region coverage of wide area. Several repeaters combined into IP network are used. Allows working of several dispatchers.

FEATURES

- The high quality digital voice communication between dispatcher and MOTOTRBO network subscribers. Call logging, voice recorder.
- Supports all calls: individual, group,…
- Digital signalling: automatic radio registration, , prohibition of radio by supervisor, remote monitoring of radio, control of radio activities in the system, call alert.
- Text messaging. Supports private or group messaging, standard template messaging, free content messaging, saving to the events list.
- Navigation. Allows to view current location of the objects, their status, object's tracking and to send the object location data depending on different conditions
- Telemetry
- Multi-channel networking, also with several dispatchers
- Telephone network integration (VOIP)

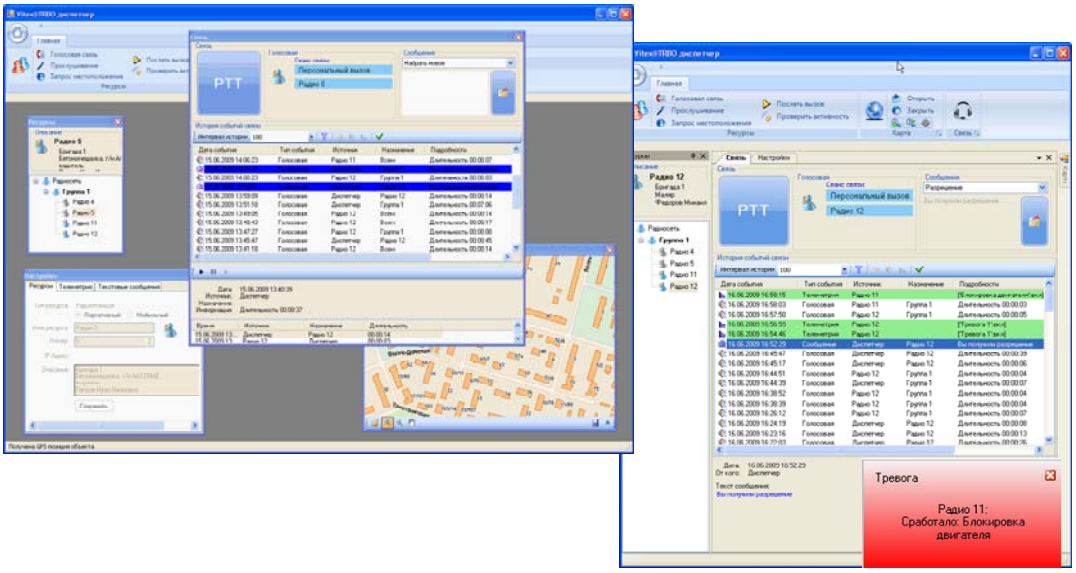
SYSTEM REQUIREMENTS:

- required radio hardware / releases compatibility: Motorola DM/DP series. Minimum release 1.4
- required IP technology (PC, Internet, Ethernet: PC with O.S. Microsoft Windows XP SP2 or higher.
- required interfaces: USB port for MOTOTRBO two-way radios, Ethernet interface for client/server configuration, Audio interface for MOTOTRBO two-way radios and VITEXTRBO Dispatcher.
- required know how: Experienced in MOTOTRBO radio sales. Basic OS and IT administration know how required.

VITEX®TRBO

Target markets (industries, customer segments etc.):

AVL (GPS), Public Transportation, Taxi Organizations, Guard Control, Telemetry, Emergency and Rescue.



PRICE INFORMATION

VitexTRBO Software (base configuration)……980 Euro

Subscriber licenses 3-30 radios (per radio) … 62 Euro

Subscriber licenses 31-50 radios (per radio).. 58 Euro

Subscriber licenses 51 .. radios (per radio) … 55 Euro

AT-A-GLANCE

GEOGRAPHICAL COVERAGE

EMEA

ORDER TO SHIP CYCLE TIME

Demo version can be downloaded from our website. Serial number is sent upon registration of your demo version. Software activation is carried out within 2 working days (maximum) after payment acknowledgement.

AVAILABLE LANGUAGES OF THE SOLUTION

English, Russian. Other languages on request.

COMPANY DETAILS:

Company: JSC ASKO-Information Technologies
Contact: Sales
Address: 2 Garmatna str
Kiev, 03680
Ukraine

Telephone: (+38) 044 501 9208
Web: www.vitex.ua
Email: asko-it@vitex.ua

SUPPORT:

Languages of the support :
English, Russian
Contact: Mr. Alexander Lyagoskin
Hotline number: (+38) 044 5019208
Available at time: 09:00 – 17:00 (GMT+2)
Email support: tech@vitex.ua
Internet: www.vitex.ua

ROOM FOR LINKS TO FURTHER DOCUMENTATIONS
For more information about our products please visit our website www.vitex.ua

BPG TRBOPLUS LABS2

OPTION BOARD FOR DMR NETWORK ADMINISTRATORS

PRODUCT DESCRIPTION

BPG TRBOplus is an option board designed specifically for Motorola radios, portable or mobile, with the aim of extending the standard radio functions. On request we can personalize the functionality of the presented board.
TRBOplus LABS2 is a flexible and useful tool for **your technical department or customer network administrators.**
With this option board you can measure the RSSI level, monitor all the voice and data traffic on your radio display (over the air logger facility), listen all the group or private calls on the selected digital channel, and store automatically RSSI measurements with associated GPS position in the internal flash memory.
Dedicated to technical staffs, VFO facility allows the user to modify temporarily the channel parameters directly from radio keypad.
With 5 tones and FFSK ETS 300-230 signalling it adds also useful analog channel based tools.

BENEFITS

TRBOplus LABS2 is the ideal tool for your technical department or customer network administrators that need to manage new digital technology.

SUPPORTED MODULES

TRBOplus LABS2 is compatible with portable DP 3601 or mobile DM 3601radios.
All functionalities are programmable by the TRBOplus CPS software.

FEATURES

- **RSSI** measurement in dBm in analog or digital channel
- **GPS** info on radio display
- **OTA Monitor**: allows tracing over the air DMR traffic on the channel
- **Audio monitor**: allows listening all digital calls on the channel (also private calls)
- **VFO**: allows to modify channel parameters temporarily (digital and analog) using the radio keypad
- **RSSI datalogger**: Without any heavy accessory such as notebook or instruments, it is possible to map the radio coverage of a specific area and then to export data to Google Earth. The measurements are done automatically and stored in an internal flash memory with GPS data. Stored data can be exported in GPX or KMZ for Google Earth.
- **5 tone** signaling (encode and decode 5 tone signaling on analog channels)
- **ETS 300-230 FFSK** based signaling (encode and decode FFSK signaling)

SYSTEM REQUIREMENTS:

- Required radio hardware / releases compatibility: DP 3601, DM 3601 radios.
- Required IP technology (PC, Internet, Ethernet): Windows XP, Vista, Windows 7 with installed Motorola USB drivers for programming and downloading RSSI/GPS data.
- Required interfaces: Motorola USB programming cable; Motorola HLN7001 flat cable for mobile radios
- Required know how: After installing option board in the portable radios, Motorola dealer must be equipped with the tools to restore the radio to become truly watertight. The necessary tools and description are available from Motorola.

TRBOPLUS LABS2

Target markets: Motorola dealer, technical department, customer network administrator.

1 – Collect data

2 – Download data

PRICE INFORMATION

TRBOplus LABS 2 Euro 220,00 (KBPOB1021)

Ask for dealer discount.

AT-A-GLANCE

GEOGRAPHICAL COVERAGE

All over the world

ORDER TO SHIP CYCLE TIME

Typically 1 week when in stock.
Delivery date will be confirmed at the reception of the order.

AVAILABLE LANGUAGE OF THE SOLUTION

English.

COMPANY DETAILS:

Company: BPG Radiocomunicazioni
Contact: Mr. Fabrizio Adamini
Address: Via Nazionale,13
10060 Pinasca (TO)
ITALY

Telephone: (+39) 0121 800669
Web: www.bpg.it
Email: commerciale@bpg.it

SUPPORT:

Languages of the support: English, Italian, French
Contact: Mr. Marco Berutto
Hotline number: (+39) 0121 800669
Available at time: 09:00 – 18:00 CET
Email support: commerciale@bpg.it
Internet: www.bpg.it

ROOM FOR LINKS TO FURTHER DOCUMENTATIONS
http://www.bpg.it

GW3-TRBO®

REPORTING, MONITORING AND MANAGEMENT

PRODUCT DESCRIPTION

GW3-TRBO® is the system management tool to monitor, manage and report on MOTOTRBO™ systems. GW3-TRBO provides a quick and easy way to capture system activity and performance. The software offers enhanced functionality to Motorola's Repeater Diagnostics Alarms and Control (RDAC) software by presenting the system administrator with live performance and usage information for each radio and talkgroup and alarm notifications. GW3-TRBO users can instantly view who is using airtime, real-time talkgroup activity, and data from the MOTOTRBO repeaters. This allows for quick, visual confirmation that the network is performing as expected. Billing for radios on a MOTOTRBO system is typically done in one of two ways:
a) flat monthly rate or
b) flat rate plus airtime usage.

BENEFITS

RDAC (Repeater Diagnostics and Controls) application allows a system administrator to monitor and control repeaters within the system (analog or digital).
While this repeater monitoring and control component is critical to the system, GW3-TRBO provides additional functionality by presenting the system administrator with live performance and usage information on the system.

SUPPORTED MODULES

GW3-TRBO Core Software Modules
- All Activity Window
- Alias Manager
- Channel Window
- Launch Window
- Security Manager
- System Log

FEATURES

- Centrally monitor multiple MOTOTRBO systems with one easy to use program
- Establish parameters for automatic system alerts and notifications
- Archive network activity for up to six months to enable historical and forensic reporting
- Remote IP monitoring to diagnose system issues from one central location, minimizing system downtime and maintenance costs
- Report on system and subscriber, usage and performance with customizable Excel© reports, importable to most billing programs
- Subscriber Access Control (SAC) provides system administrators control of network usage to maintain a secure system

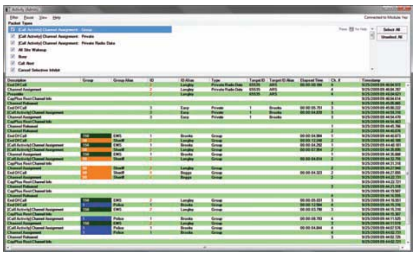
SYSTEM REQUIREMENTS:

- Required radio hardware / releases compatibility: MOTOTRBO firmware 1.5A or newer; MOTOTRBO Capacity Plus, IP Site Connect, or Conventional Systems
- Required IP technology (PC, Internet, Ethernet): Intel® Pentium™ Dual Core processor or greater; 2GB RAM or greater; 60GB Hard Drive free space or greater; Video 128MB RAM, 1280x1024 resolution or greater; Windows XP Pro, Vista Business, Win7 Professional or greater; Microsoft Excel 2003 or greater
- Required interfaces: IP Connectivity to Master Repeater for GW3-TRBO to connect as a peer

GW3-TRBO®

Target markets (industries, customer segments etc.):

Airlines, Construction, Education, Entertainment Venues, Government, Hospitality, Manufacturing, Mining, System Operators, Transportation, and Utilities



PRICE INFORMATION

GW3-TRBO-NME: € 9,000
(includes GW3-core, 1 x client, 3 x IP inputs 6 months storage, full suite of reports and subscriber access control

GW3-TRBO-NMB: € 5,000
(includes GW3-core, 1 x client, 1 x IP inputs 2 months storage, 3 reports and subscriber access control

AT-A-GLANCE

GEOGRAPHICAL COVERAGE

EMEA

ORDER TO SHIP CYCLE TIME

For software only solutions: downloadable 1 day after PO is received
For hardware and software solutions: 14 days after PO is received

AVAILABLE LANGUAGE OF THE SOLUTION

English

COMPANY DETAILS:

Company: Genesis EMEA
Contact: Sales
Address: Albany Chambers
26 Bridge Road East
Welwyn Garden City
AL7 1HL
England

Telephone: (+44) 203 056 4380
Web: www.genesisemea.co.uk
Email: emeaenquiries@genesisworld.com

SUPPORT:

Languages of the support: English
Contact: Genesis EMEA Support
Hotline number: (+44) 203 056 4381
Available at time: 09:00 – 17:00 GMT
Email support: emeasupport@genesisworld.com
Internet: www.genesisemea.co.uk

FOR MORE INFORMATION:
General GW3-TRBO Information: http://www.genesisworld.com/EMEA/TRBO/
GW3-TRBO Reports: http://www.genesisworld.com/EMEA/TRBO/reports.asp
GW3-TRBO Modules: http://www.genesisworld.com/EMEA/TRBO/modules.asp
GW3-TRBO Support: http://www.genesisworld.com/EMEA/TRBO/support.asp

SMARTPTT MONITORING

REAL TIME MONITORING OF MOTOTRBO INFRASTRUCTURE

PRODUCT DESCRIPTION

SmartPTT Monitoring is a tool for in-depth analysis and control over connected MOTOTRBO infrastructure. SmartPTT Monitoring allows checking the performance of dispatcher system, providing the following information:

- RSSI - received signal strength
- Type of transmission. ARS, GPS, Text, Voice Call, Emergency, etc.
- Transmission duration
- Caller and Receiver IDs
- Repeater ID

SmartPTT Monitoring can be supplied in 2 variants:

- separate product
- additional service inside SmartPTT Enterprise

BENEFITS

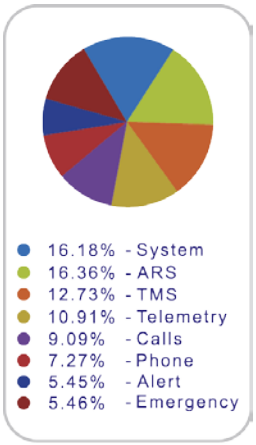
Real time collection of data from the dispatcher system (network topology, hardware diagnostics), graphical representation of voice and data activity, printable monitoring reports

SUPPORTED MODULES

- IP Site Connect
- Capacity Plus
- Standalone repeater

FEATURES

- **Real Time Monitoring** – graphical representation of voice and data activity received from MOTOTRBO repeaters allows watching over the system in real time.
- **Network Topology** – graphical representation of radio network schema.
- **Hardware Diagnostics** – information about current state of connected MOTOTRBO repeaters.
- **Monitoring Analytics** – graphical presentation of the collected data: proportions of event duration during a chosen time frame and daily, proportions of voice and data activity per day during a chosen time period.
- **Monitoring Reports** – detailed report based on collected data and filtered by a number of criteria.



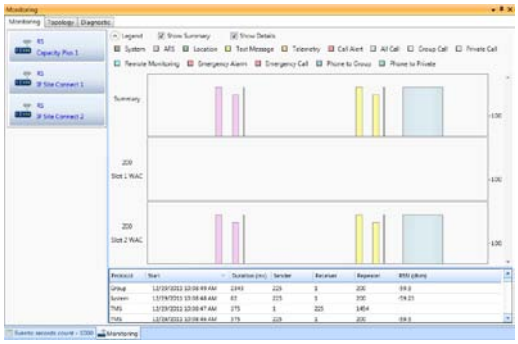
SYSTEM REQUIREMENTS:

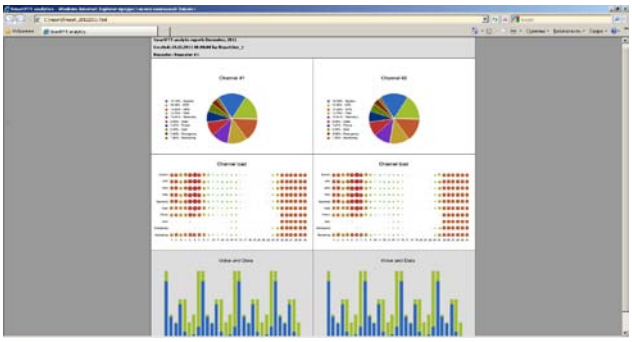
- Required radio hardware / releases compatibility: MOTOTRBO radio with firmware 1.6 and above
- Required IP technology (PC, Internet, Ethernet): PC, Windows XP/2003/Vista/Windows 7, Pentium, 2 Gb RAM
- Required interfaces: Ethernet
- Required know how: PC experienced user

SmartPTT Monitoring

Target markets (industries, customer segments etc.):

Power (Generating companies, Electricity facilities), Pipelines (Oil & Gas), Public Transportation (Buses, taxi), Energy Electricity facilities, Railroads, Emergency Services (Ambulance services, fire brigades), Highways.





PRICE INFORMATION

3 months demo license	FREE
SmartPTT Monitoring Base package (1 client, 1 server, 5 repeaters)	€ 2,250.00
Additional Service to SmartPTT Enterprise	€ 1,490.00

Optional modules:
Additional System Administrator Console Licenses, Additional Repeater Connection Licenses, Additional Server Licenses. Prices by request.

AT-A-GLANCE

GEOGRAPHICAL COVERAGE

Worldwide

ORDER TO SHIP CYCLE TIME

1 business day

AVAILABLE LANGUAGE OF THE SOLUTION

English, German, French, Italian, Spanish, Russian, Polish, Arabic, Korean, Portuguese, others on request

COMPANY DETAILS:

Contact: SmartPTT Sales Team
Address: Elcomplus LLC
130a Frunze avenue
Tomsk 634021
Russian Federation

Telephone: +7 3822 522 511
Web: www.smartptt.com
Email: info@smartptt.com

SUPPORT:

Languages of the support: English, Russian
Contact: SmartPTT Support Team
Hotline number: +7 3822 522 511
Available at time: 09:00 – 18:00 (GMT+6)
Email support: support@smartptt.com
Internet: www.smartptt.com

ROOM FOR LINKS TO FURTHER DOCUMENTATIONS
Visit our site at www.smartptt.com

TRBONET WATCH

MONITORING AND DIAGNOSTIC FOR DIGITAL RADIO SYSTEMS

PRODUCT DESCRIPTION

TRBOnet Watch is a client-server Windows application that monitors all traffic on Motorola MOTOTRBO™ IP SITE CONNECT systems (or a single repeater with IPSC enabled). It displays transmitted GPS, ARS, Voice, Text Messages, System and User data with RSSI, source and destination radio ID's, Peer ID's.
TRBOnet Watch helps to balance a channel loading, define and solve problems in a radionetwork.

BENEFITS

- System overview in live display
- Instant system notification
- Monitors Channel loading
- Shows voice and data usage

SUPPORTED MODULES

TRBOnet Watch supports IP Site Connect and Connect Plus. The next product version will support Connect Plus as well.

FEATURES

• Online Monitoring Digital channels
• System Topology
• Repeater Status
• Alarm Notification via Email
• Analytics Module
• Reports
• RF Quality Control on a Map
• Billing

SYSTEM REQUIREMENTS:

- Required radio hardware / releases compatibility: MOTOTRBO Firmware 1.6.3 or higher
- Required IP technology (PC, Internet, Ethernet): Windows XP / Windows 7 / Windows Server 2008
- Required interfaces: MS SQL Server 2008 R2 Express Edition or Higher
- Required know how: UPD/IP connect to repeaters

TRBONET WATCH

Target markets: Motorola Service Shops, radio communications networks, MOTOTRBO owners

PRICE INFORMATION

Base Package:
- One Server Software License
- One Client Software License
- One Repeater connection License
- One Year Software Updates

Modules:
- Online Monitoring
- System Topology
- Reporting
- Analytics
- Email Notification

Recommended Retail Price - **€ 2,800.00**

AT-A-GLANCE

GEOGRAPHICAL COVERAGE
EMEA, North America, Latin America, APAC

ORDER TO SHIP CYCLE TIME
24 hours. License key is sent by e-mail.
The software is available on WEB-site

AVAILABLE LANGUAGE OF THE SOLUTION
English, Russian, French, Portuguese

COMPANY DETAILS:

Company: Neocom Software, Ltd
Contact: Ivan Mikheev
Address: V.O., 8th line, 29
Saint-Petersburg,
Russia, 199004

Telephone: 7 812 327-0-567
Web: www.trbonet.com
Email: info@trbonet.com

SUPPORT:

Languages of the support: English, Russian
Contact: TRBOnet Support
Hotline number: 7 981 738 81 18
Available at time: 11:00 – 21:00 GTM+4
Email support: support@trbonet.com
Internet: www.trbonet.com

FIND MORE INFORMATION AT TRBONET WATCH WEB PAGE
DOWNLOAD TRBONET WATCH DATASHEET

BPG TRBOPLUS GPS DATA LOGGER

OPTION BOARD FOR GPS DATALOGGER

PRODUCT DESCRIPTION

BPG TRBOPlus is an option board designed specifically for Motorola radios, portable or mobile, with the aim of extending the standard radio functions. On request we can personalize the functionality of the presented board.
TRBOPlus GPS Data Logger adds to the standard MotoTRBO radios the possibility to store GPS positions in a internal flash memory and then to export data in GPX or KMZ format. Measurements are done automatically by a programmable timer and independently from channel personality or network coverage.
A simple user interface allows the operator to start and to stop data logging or to know memory occupation. Multiple sessions can be stored and parallel downloading is possible.

BENEFITS

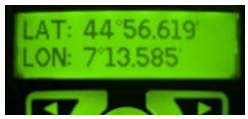
TRBOPlus GPS Data Logger adds the possibility to acquire GPS data more frequently and even if the radio is out of the network coverage.
Typical field of application is searching mission of rescue teams: few GPS reports are sent over the air while detailed tracks are stored locally and downloaded at the headquarters.

SUPPORTED MODULES

TRBOplus GPS Data Logger is compatible with portable DP 3601 or mobile DM 3601radios with built in GPS receiver.
All functionalities are programmable by the TRBOplus CPS software.

FEATURES

- **GPS info on radio display** of the **local or remote radio** (over the air LRRP request)
- **5 tone signaling** (encode e decode)
- **FFSK** signaling (tx on, tx off, radio on, ptt id, call, status etc…)
- **GPS datalogger**: stores detailed GPS tracks in an internal flash memory for post downloading via USB (tracks exported in std. GPX or KMZ format for Google Earth)
- **MAN DOWN** (optional)

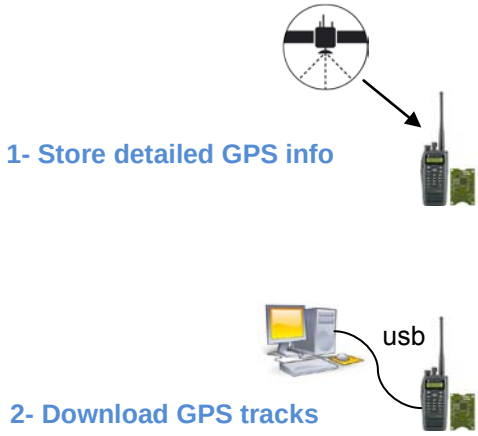


SYSTEM REQUIREMENTS:

- Required radio hardware / releases compatibility: DP 3601, DM 3601 radios.
- Required IP technology (PC, Internet, Ethernet): Windows XP, Vista, Windows 7 with installed Motorola USB drivers for programming and downloading RSSI/GPS data.
- Required interfaces: Motorola USB programming cable; Motorola HLN7001 flat cable for mobile radios
- Required know how: After installing option board in the portable radios, Motorola dealer must be equipped with the tools to restore the radio to become truly watertight. The necessary tools and description are available from Motorola.

TRBOPLUS GPS DATALOGGER

Target markets: Government and Enterprise, Fleet Dispatching, AVL, Public Transportation, Taxi Companies, Emergency and Rescue, Security.



PRICE INFORMATION

TRBOplus GPS Datalogger from 100 to 300 Euro depending on functionality.

Ask for dealer discount.

AT-A-GLANCE

GEOGRAPHICAL COVERAGE

All over the world

ORDER TO SHIP CYCLE TIME

Typically 1 week when in stock.
Delivery date will be confirmed at the reception of the order.

AVAILABLE LANGUAGE OF THE SOLUTION

English.

COMPANY DETAILS:

Company: BPG Radiocomunicazioni
Contact: Mr. Fabrizio Adamini
Address: Via Nazionale,13
10060 Pinasca (TO)
ITALY

Telephone: (+39) 0121 800669
Web: www.bpg.it
Email: commerciale@bpg.it

SUPPORT:

Languages of the support: English, Italian, French
Contact: Mr. Marco Berutto
Hotline number: (+39) 0121 800669
Available at time: 09:00 – 18:00 CET
Email support: commerciale@bpg.it
Internet: www.bpg.it

ROOM FOR LINKS TO FURTHER DOCUMENTATIONS
http://www.bpg.it

DMR910

OPTIONBOARD FOR MANDOWN AND ISM-MODULE (RX/TX)

PRODUCT DESCRIPTION

The optionboard DMR910 expands the radios familiy MOTOTRBO™ DP3000 by additional emergency call functions such as the ManDown Sensor. The ManDown Sensor recognizes changes in state and motion. Both functions, which may be activated individually or combined, release the emergency call schema programmed in the device.
Optionally the DMR910 receives signals from ISM beacons and transmits them as detected checkpoints to the RealTimeGuarding software RTG6000. These ISM beacons ISM762 from ATS Elektronik GmbH are built into the object. As they are both battery or electric operated, they are network-independent. As soon as an activated DMR910 is within reach of an ISM beacon it receives its individual ID and automatically transmits it to the RTG6000.

BENEFITS

DMR910 can be applied to a variety of situations to ensure safety and monitoring of lone workers i.e.: security guards, prison supervision, plant security, security against theft of mobile properties.

SUPPORTED MODULES

- No movement (motion alert)
- Position with an angle of e.g. less than 45° to the ground with movement (Man Down Alert)
- Position with an angle of e.g. less than 45° to the ground with movement (Man Down and Motion Alert)
- Theft alert in case of motion
- ISM-Interface (889MHz) to Indoor-Radio-Localisation
- Communication with guardiX-ISM

FEATURES

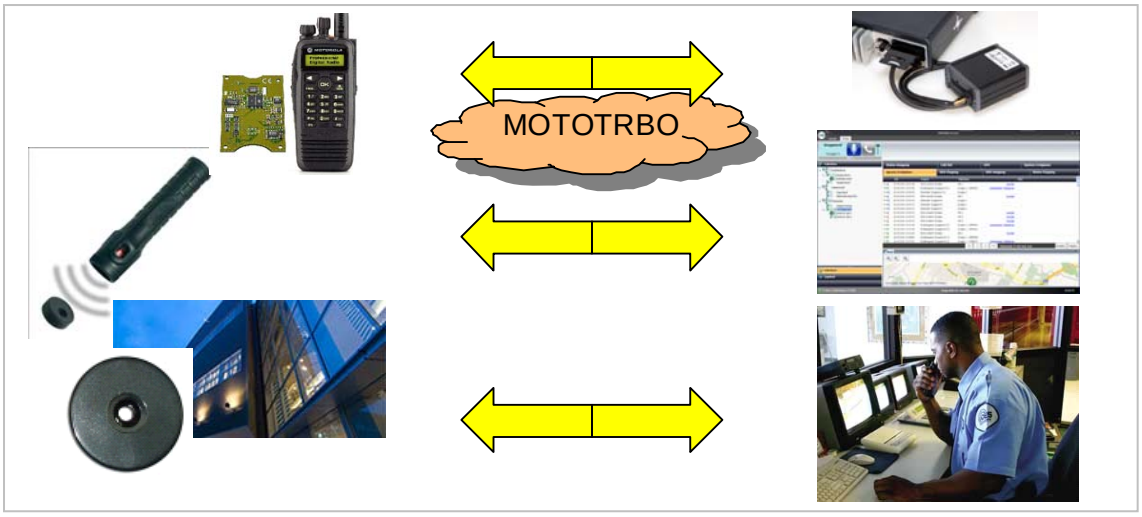
- Man Down Sensor
- Motion sensor
- Real time guarding
- Motion and state recognition
- Programmable function of Man Down and triggering angle
- Pre-alert via radio loud speaker
- Call out
- Transmission of GPS position as a function of events (eg emergency call button)
- Special User Functions

SYSTEM REQUIREMENTS:

- Required radio hardware / releases compatibility: Optionboard for MOTOTRBO™ DP3400/01, DP3600/01
- Required IP technology (PC, Internet, Ethernet): PC with USB-Port, MS Windows XP
- Required interfaces: DMR9100 programming software, Motorola programming cable PMKN4012
- Required know how: The distributor should have of the Motorola equipment required for check of IP57 classification after fitting of the optionboard

DMR910

Target markets (industries, customer segments etc.): Lone workplace monitoring e.g. security guards at security agencies, prisons and factory security offices. In conjunction with the optional ISM function a guard control system can be deployed.



PRICE INFORMATION

DMR910 Optionboard ManDown
Order number: 91100001 €189,00
less distributor discount

Optional, only in connection with DMR910 optionboard:
DMR910 Option ISM
Order number: 91100002 €159,00
less distributor discount

AT-A-GLANCE

GEOGRAPHICAL COVERAGE
Worldwide

ORDER TO SHIP CYCLE TIME
If available from stock, delivery time after receipt of order will be between 3 days and 2 weeks, depending on destination. If the goods are not in stock the delivery time will be approx. 6 weeks.

AVAILABLE LANGUAGES OF THE SOLUTION
English, German

COMPANY DETAILS:

Company: ATS Elektronik GmbH
Contact: Sales
Address: Albert-Enstein-Str. 3
31515 Wunstorf
Germany

Telephone: (+49) 5031 95480
Web: www.ats-web.de
Email: info@atsonline.de

SUPPORT:

Languages of the support :
English, German
Contact: Dipl.-Ing. Manfred Siegmüller
Hotline number: (+49) 5031 95480
Available at time: 09:00 – 16:00 CET
Email support: info@atsonline.de
Internet: www.ats-web.de

For further information regarding applications for safety features and equipments please visit our website.
Please see our general terms of trade. Prices may change without prior notice. All prices in EURO excl. VAT.

DMRAlert®GT

GUARD TOUR PATROL MANAGEMENT

PRODUCT DESCRIPTION

Guard Tour Patrol Management is security management dispatcher with incorporated statistics. It provides real time information on the patrols, alerts, voice tracking, etc backed up with full reports and statistical information.

BENEFITS

Guard Tour Patrol Management offers full automatic staff management in real time with automatic network backup. All events are recorded with possibility to generate customised reports and export the data to Excel.

SUPPORTED MODULES

MOTOTRBO™ DP3400*/3600 is equipped with:

- RFID/reader in RSM and Option Board,
- or with Beacons/OB for a full automatic tour

FEATURES

- Real Time Tracking
- Voice tracking on PC
- Management of different types: Free, Scheduled and Mixed patrols
- Lone Worker Alarm on PC and radios
- Supervisor GUI: Multi floor layout maps,
- Status Management, up to 32 STATUS with DP3600/OB
- Full Traceability – Statistics
- Full Automatic Guard Tour report
- Group management, Dynamic group management
- Text messaging SMS
- Multi-PC: Client/Server Supervisor
- Radio control: Activate/deactivate/listening to

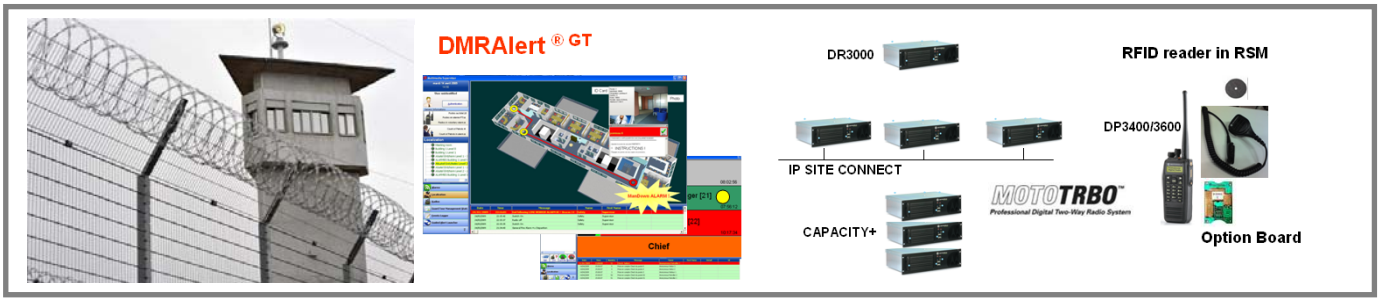
SYSTEM REQUIREMENTS:

- Required radio hardware / releases compatibility: Compliant with MOTOTRBO™ (see technical doc)
- Required IP technology (PC, Internet, Ethernet): PC Windows XP PRO, IP connectivity, USBs, Sound
- Required know how: Training for installing/programming option board, software, Windows, MOTOTRBO™

DMRAlert® GT

Target markets (industries, customer segments etc.):

Safety, Security Services, Shopping Centres, Banks, Hospitals, Leisure industry, etc.



PRICE INFORMATION

DMRAlert® GT packages are available from € 3,500.00

Demo equipment available € 1,500.00

Please contact for further details, Price List, Conditions, Account.

Prices are ex-VAT and may change without prior notice.

AT-A-GLANCE

GEOGRAPHICAL COVERAGE

EMEA

ORDER TO SHIP CYCLE TIME

About 15 days if in stock

AVAILABLE LANGUAGE OF THE SOLUTION

English, French

COMPANY DETAILS:

Company: ALSATEL, Subsidiary of Forclum, Eiffage group
Contact: Mr. Denis Schaal
Address: 8 rue des Hérons
67960 ENTZHEIM
France

Telephone: (+33) 3 88 78 97 25
Web: www.alsatel.fr
Email: denis.schaal@alsatel.fr

SUPPORT:

Languages of the support: French, English
Contact: Support Team
Hotline number: (+33) 3 88 78 97 05
Hotline number for France: 0820 00 67 67
Available at time: 09:00 – 17:00 CET
Email support: support.dmralert@alsatel.fr
Internet: www.alsatel.fr

DMRAlert®IN-LOC

INDOOR LOCALISATION FOR LONE WORKER

PRODUCT DESCRIPTION

This Full Automatic On Alarm Dispatcher provides high level safety with localisation to Lone Workers.

BENEFITS

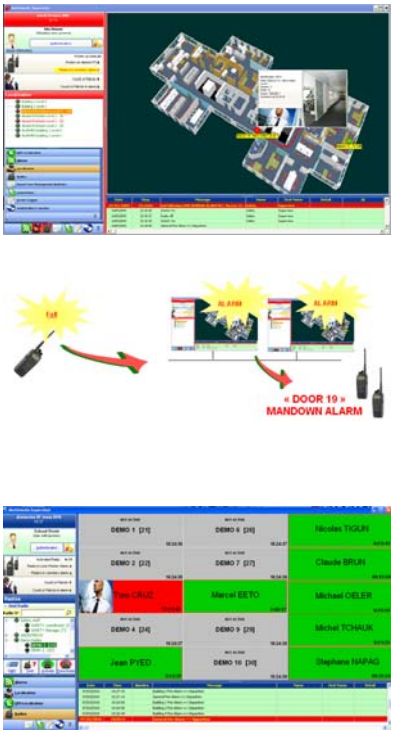
Indoor Localisation on Alarm module (INLOC) maximises the efficiency of the workforce. It speeds up the response time in emergency situations by showing the last location which furthermore increases the protection and security of the workforce. Location is detected via beacons.

SUPPORTED MODULES

Compliant with MOTOTRBO, IP Site Connect, Capacity +

FEATURES

- Full automatic ON ALARM LOCALISATION
- Lone Worker, Man Down, movement, urgency,
- Automatic Emission / Reception Emergency: listen & speak to person in difficulty
- Visual and audible alarm on PC,
- Transmission alarm to radios with localisation
- Guard Tour patrol management
- Client / Server Supervisor
- Multi floor layout maps,
- Text messaging SMS
- E-book
- Enhanced staff – radio – group management
- Radio control: Activate/deactivate/listening to
- Management of users & their rights
- Full Traceability



SYSTEM REQUIREMENTS:

- Required radio hardware / releases compatibility: MOTOTRBO™ portable radios with Option Board fitted
- Required IP technology (PC, Internet, Ethernet): PC Windows XP PRO, IP connectivity, USBs, sound
- Required interfaces: Beacons
- Required know how: Training for installing/programming option board, beacons, software, Windows, IP network, MOTOTRBO™

DMRAlert® INLOC

Target markets (industries, customer segments etc.):

Prisons, Industry, Shopping Centre, Bank, Hospital, Skyscrapers

PRICE INFORMATION

DMRAlert®IN-LOC packages are available from € 4,900.00

Demo equipment available € 1,700.00

Please see for further details, Distribution Agreement, Conditions, Account.

Prices are ex-VAT and may change without prior notice.

AT-A-GLANCE

GEOGRAPHICAL COVERAGE

EMEA

ORDER TO SHIP CYCLE TIME

About 15 days if in stock

AVAILABLE LANGUAGE OF THE SOLUTION

English, French

COMPANY DETAILS:

Company: ALSATEL, Subsidiary of Forclum, Eiffage group
Contact: Mr. Denis Schaal
Address: 8 rue des Hérons
67960 ENTZHEIM
France

Telephone: (+33) 3 88 78 97 25
Web: www.alsatel.fr
Email: denis.schaal@alsatel.fr

SUPPORT:

Languages of the support: French, English
Contact: Support Team
Hotline number: (+33) 3 88 78 97 05
Hotline number for France: 0820 00 67 67
Available at time: 09:00 – 17:00 CET
Email support: support.dmralert@alsatel.fr
Internet: www.alsatel.fr

HERMES MAN DOWN OPTION BOARD

GUARD CONTROL, SECURITY SYSTEM

PRODUCT DESCRIPTION

hermes microcom now provides a new MOTOTRBO man-down option board for the MOTOTRBO portable radios. This is a retro-fitted option board which automatically summons assistance when the radio 'falls-over' or remains motionless for a predetermined time period.
Many Situations may benefit from this important tool such as lone-worker environments or where health and safety regulations require that lone-workers have some form of "remote" supervision.

BENEFITS

The hermesTRX Man Down Option Board is designed to be retrofitted into the MOTOROLA range of MOTOTRBO hand portable radios. In the event that an employee becomes injured or falls unconscious a 'man-down' notification is sent immediately to the hermesTRX Dispatch position.

SUPPORTED MODULES

The new man-down option board is available in two versions:

1. hermes Man Down Option Board is fully integrated in the hermesTRX system and will identify the location of the "unfortunate" problem by indicating their location on the supervisor's screen (supported by Google Earth).
2. hermesTRX stand alone solution signaling emergency case to other MOTOTRBO™ radios

FEATURES

- Lone Worker
- Man Down
- Tilt Switch
- Guard Control
- Emergency voice call

SYSTEM REQUIREMENTS:

- Required radio hardware / releases compatibility: Compatible with all standard MOTOTRBO DP Portable Radio Series (firmware release 1.4.3 and higher)
- Required IP technology (PC, Internet, Ethernet): Base PC installed with Windows XP SP2, for multi user access is an Ethernet network required. User/Operator PC can be any Windows, Linux or Mac OSX operation System installed with standard internet browser and Google Earth
- Required interfaces: Standard MOTOTRBO DP Portable Radio Series
- Required know how: Normal technical skills, Basic IT knowledge

hermes Man Down Option Board

Target markets (industries, customer segments etc.):

Government and Enterprise, Guard Control, Telemetry, Fleet Dispatching, AVL, Public Transportation, Taxi Companies, Emergency and Rescue, Security, Facility Management

PRICE INFORMATION

hermesTRX Man Down Option Board € 135.00

Man Down and Lone Worker functions fully integrated into hermesTRX System.
Can also be used stand alone.

Delivery contains hermesCPS software to set parameters such as angle, pre alarm time, etc.

AT-A-GLANCE

GEOGRAPHICAL COVERAGE
EMEA, North America, South America, Global

ORDER TO SHIP CYCLE TIME
5 working days

AVAILABLE LANGUAGE OF THE SOLUTION
English, German, French, Spanish

COMPANY DETAILS:

Company: hermes microcom GmbH & Co. KG
Contact: Sales
Address: Gautinger Str. 26a
82061 Munich-Neuried
Germany

Telephone: (+49) 89 74 55 470
Web: www.microcom.eu
Email: info@microcom.eu

SUPPORT:

Languages of the support: English, German
Contact: Mr. Boris Tkalcevic
Hotline number: (+49) 89 74 55 470
Available at time: 09:00 – 18:00 CET via phone
24 hrs via email
Email support: info@microcom.eu
Internet: www.microcom.eu;

Online Demo: www.hermestrx.com
User level: user name/password
Operator : mototrbo/motorola
Admin : admin/motorola

ROOM FOR LINKS TO FURTHER DOCUMENTATIONS

hermesmicrocom

ZONITH INDOOR POSITIONING SYSTEM (IPS)

INDOOR LOCATIONS TO MOTOTRBO RADIOS

PRODUCT DESCRIPTION

ZONITH Indoor Positioning System uses a network of Bluetooth Beacons. Beacons are connected to a LAN and transfer information about the location of Bluetooth devices to a central computer. ZONITH IPS is the only solution that supports 'real time' indoor positioning without affecting radio network performance. The Beacons can be tuned to cover small or wide areas throughout a building. This system does not require a Generic Option Board in the radio. Bluetooth side adapters are available from ZONITH.

BENEFITS

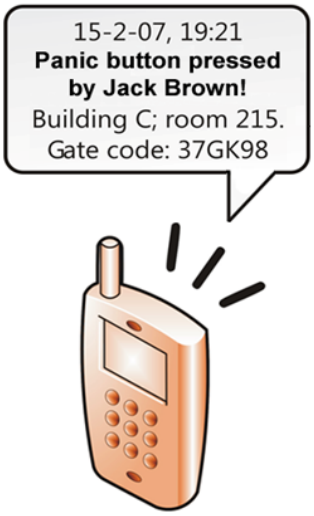
ZONITH IPS displays the location of each radio user on a graphical interface. Control room staff can move throughout maps and floor plans to locate people. Control room staff and radio users are instantly notified of a person's location when they press the MOTOTRBO emergency button.

SUPPORTED MODULES

Direct, Conventional Repeater, IP Site Connect, Capacity Plus

IPS FEATURES:

- Indoor positioning system uses a LAN to transfer in building positions of Bluetooth devices.
- Logs and records all movements in 'real time' on a central computer.
- Tracks any Bluetooth device, including radios, mobile phones and body worn tags.
- Presents in building radio locations on a browser based graphical display.
- Notifies colleagues of your location when you press your emergency button.
- Supports 'Safe Area' to automatically activate Centralized Lone Worker services on your radio.
- Uses 'Geo Fencing' to send alarms if people enter or leave known locations.



Bluetooth beacons create zones. The accuracy of the system is adjusted through the number of beacons.

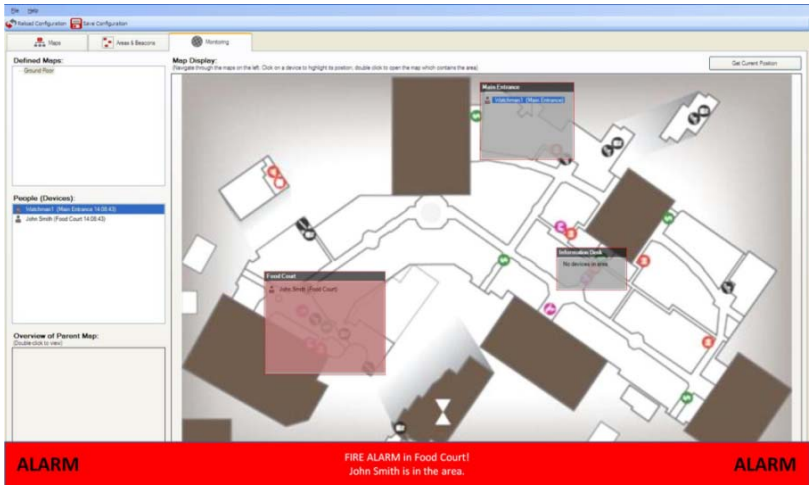
SYSTEM REQUIREMENTS:

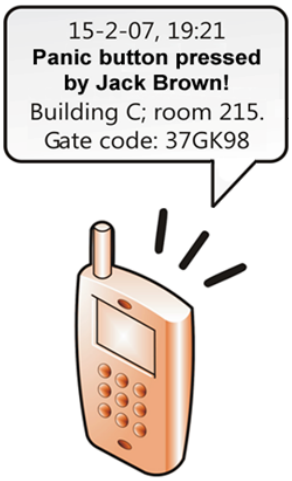
- Required Radio Hardware: 1 MOTOTRBO base station, radio firmware version 1.6.0 or greater.
- Required: PC Dual-core 2GHZ CPU or higher, 4GB of system RAM, Windows XP 32-bit or Windows 7, 10/100/1000
- Supports LAN to transfer location data of Bluetooth devices
- Required Know-How: PC Savvy, understanding of MOTOTRBO CPS configurations.

INDOOR POSITIONING SYSTEM (IPS)

Target markets (industries, customer segments etc.):

Utilities, Natural Resources, Hospitality, Manufacturing, Healthcare, and Education.





PRICE INFORMATION

IPS Solutions for MOTOTRBO start from	€ 1,525.00
Beacons per unit	€ 180.00
Bluetooth Adapters	€ 75.00

For detailed pricing, contact a ZONITH sales representative.

Demonstration packages available, please contact a ZONITH sales representative for more details.

AT-A-GLANCE

GEOGRAPHICAL COVERAGE

North America, EMEA, APAC, CALA

ORDER TO SHIP CYCLE TIME

Typically 5-10 business days for hardware, software downloads available instantly.

AVAILABLE LANGUAGES OF THE SOLUTION

English. Other languages available upon request.

COMPANY DETAILS:

Contact: Eoin Foy
Address: ZONITH UK Ltd
Sheraton House
Cambridge
CB30AX, UK

Telephone: (+44) 01223 370188
Web: www.zonith.com
Email: sales@zonith.com

SUPPORT:

Languages of the support :
English, French, Spanish, Mandarin, Polish
Contact: Support Team
Hotline number: UK / (+44) 01223 370188,
Copenhagen:/ (+45) 3332 4530

Available at time: Office 8am-6pm GMT
Email support: support@zonith.com
Internet: www.zonith.com
Skype: zonith.support

For all support levels, the following are included: Maintenance releases, software updates during the support period on purchased components, phone-in support, email support, access to ZONITH online support portal.

ZONITH

DMR921

USB SERIAL CONVERTER FOR DMR TWO-WAY RADIOS

PRODUCT DESCRIPTION

MOTOTRBO™ DMR standard digital radio family provides interesting possibilities for a variety of applications requiring the transport of information over distances between 100m and several kilometers. Such applications work through a mobile radio and so can be in a fixed location or mobile.

The interface unit DMR921 converts the USB interface on the MOTOTRBO™ radio to an RS232 interface, allowing applications and hardware that only support RS232 to function over a DMR network.

The DMR921 converts the native USB interface on the MOTOTRBO™ mobile radio into RS232, but also performs the necessary initialisation of the MOTOTRBO™ USB interface.

BENEFITS

The radio may be configured and used with many applications by means of simple instructions sent via the serial interface. DMR921 can be applied to control switches, water levels, flow, pressure & quality measurement in Utilities, Gas and water supply, Energy/power supply, Wind turbines, Industrial Automation System etc.

SUPPORTED MODULES

- Analog Input Modules (4 Input 4..20mA)
- Analog Output Modules (4 Output 4..20mA)
- Digital Input Modules (8 Input 9..24V)
- Digital Output Modules (8 Relais)
- Puls Counter (2 Input)
- ATEX
- Up to 8 modules on DMP921

FEATURES

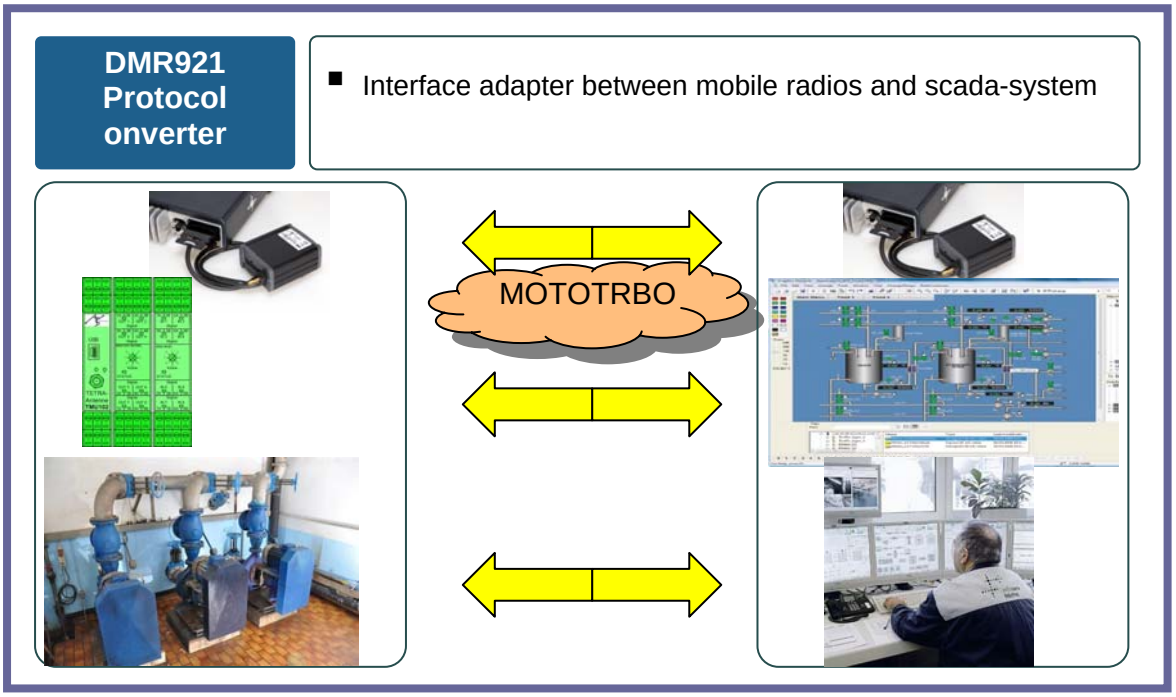
- Change of channel and zone
- Volume adjustment and loudspeaker control
- Typing text in the display
- Switching on/off scanner functions
- Adjustment of transmitting power
- Use of emergency call functions
- Activation of the radios call system
- Receipt of calls
- Remote control of radios
- Text messages
- UDP data communication between radios and a PC
- UDP data communication between two radios
- UDP broadcast data communication
- Data transparent mode
- Adjustable interface parameter, etc

SYSTEM REQUIREMENTS:

- Required radio hardware / releases compatibility: Motorola MOTOTRBOTM Radio DM340x or DM360x Firmware Version at least 1.03.01
- Required IP technology (PC, Internet, Ethernet): PC or another application able to communicate with AT-commands on RS232 with the DMR921
- Required interfaces: DM340x- or DM360x-cable set included in delivery
- Required know how: Programming of DMR921 per PC via AT-commands

DMR921

Target markets (industries, customer segments etc.): Municipal utilities, Gas and Water supply, Energy/power supply, Industrial automation



PRICE INFORMATION

DMR921 USB<->serial converter
Order number: 92100001 €465,00
less distributor discount

AT-A-GLANCE

GEOGRAPHICAL COVERAGE
Worldwide

ORDER TO SHIP CYCLE TIME
If available from stock, delivery time after receipt of order will be between 3 days and 2 weeks, depending on destination. If the goods are not in stock the delivery time will be approx. 6 weeks.

AVAILABLE LANGUAGES OF THE SOLUTION
English, German

COMPANY DETAILS:

Company: ATS Elektronik GmbH
Contact: Sales
Address: Albert-Enstein-Str. 3
31515 Wunstorf
Germany

Telephone: (+49) 5031 95480
Web: www.ats-web.de
Email: info@atsonline.de

SUPPORT:

Languages of the support :
English, German
Contact: Dipl.-Ing. Manfred Siegmüller
Hotline number: (+49) 5031 95480
Available at time: 09:00 – 16:00 CET
Email support: info@atsonline.de
Internet: www.ats-web.de

For further information regarding applications for safety features and equipments please visit our website.
Please see our general terms of trade. Prices may change without prior notice. All prices in EURO excl. VAT.

DMRAlert®TAD

TECHNICAL ALARM DISPATCHER

PRODUCT DESCRIPTION

Scalable and competitive, DMRAlert® TAD offers highest performance in automatic & intelligent alarm dispatching and Lone Worker safety. DMRAlert® TAD offers proven technology based on large experience with World Class Leaders.
DMRAlert® TAD listens to any types of alarms, dispatches the right alarm message to the right person, including acknowledgement, escalation, escalation to alternate, schedule, supervision with cartography (Plant Maps), full traceability and safety.
DMRAlert® TAD forwards Alarms to MOTOTRBO™ by SMS and Voice.
When connected to BMS or LPT output, Text To Speech (TTS) offers the highest performance by delivering the exact message (converted into voice) to radios (and phones if connected to).
DMRAlert® TAD pushes also alarm by Email, to relay type outputs and to the Supervisors.
Lone Worker Safety is treated as another alarm, and can be forwarded to MOTOTRBO™ using specific rules.
The cartographic Supervisor manages your plant maps, and alarm flashes red directly on it, with personalized sound alarm.

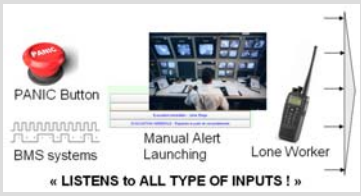
SUPPORTED MODULES

Compliant with MOTOTRBO, IP Site Connect, Capacity +

FEATURES

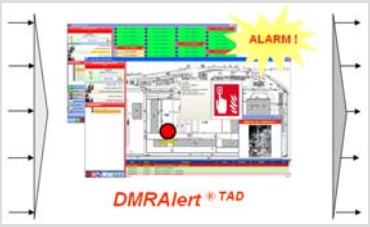
- Any Alarm Input – including Lone Worker and Virtual/IP Alarms
- Dispatches Alarms to MOTOTRBO™ (SMS, Voice, TTS), to Phones (SMS/GSM, Voice and TTS), Email, Relay, Supervisor & Hypervisor
- Cartographic Supervisor, Multi Map
- Acknowledgement – Escalation – Escalation to Alternate
- Schedules – On call management
- Manual intelligent dispatcher (Evacuation...)
- Person – Group – List management
- Enhanced radio – group - dynamic – temporary staff management
- Status, Text messaging SMS, Radio Control
- Users & their rights management
- Full Traceability

Need to control ANY TYPE of ALARM?



Need to DISPATCH ALARM to MOTOTRBO™ with Backup?

Need to KNOW IMMEDIATLY WHAT is happening and WHERE?



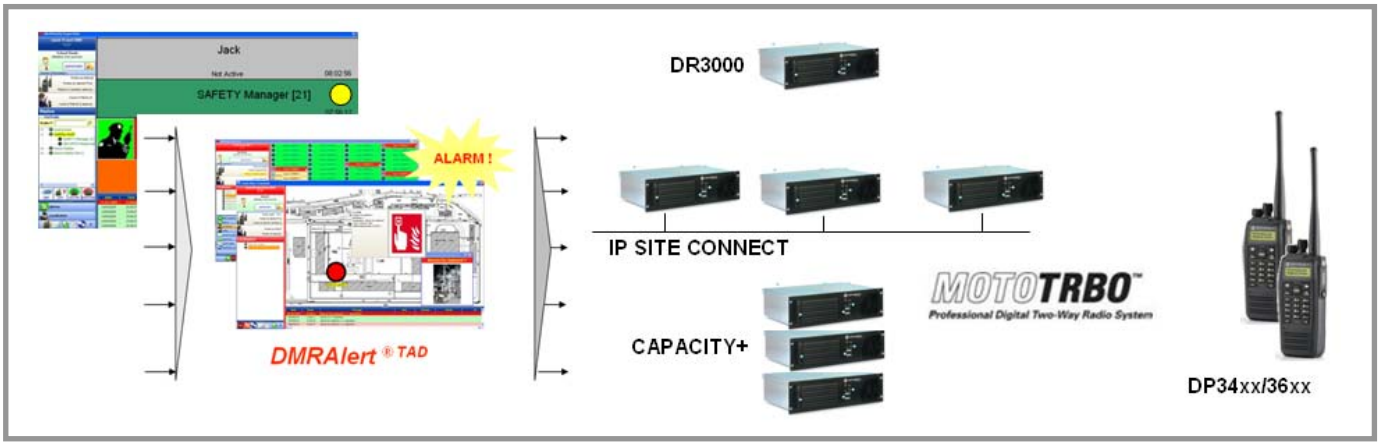
SYSTEM REQUIREMENTS:

- Required radio hardware / releases compatibility: MOTOTRBO™ radios
- Required IP technology (PC, Internet, Ethernet): PC Windows XP PRO, IP connectivity, USBs, Sound
- Required interfaces: PCI slots depending of options used
- Required know how: Windows, IP, MOTOTRBO™, TAD

DMRAlert® TAD

Target markets (industries, customer segments etc.):

Industry, Production Plants, SEVESO Sites, Prison, Shopping Center, Bank, Hospital, Skyscrapers, Leisure Centers, Schools, Museum



PRICE INFORMATION

DMRAlert®ITAD packages are available from € 5,000.00

Demo equipment is also available

Please see for further details, Distribution Agreement, Conditions, Account.

Prices are ex-VAT and may change without prior notice.

AT-A-GLANCE

GEOGRAPHICAL COVERAGE
EMEA

ORDER TO SHIP CYCLE TIME
About 15 days if in stock

AVAILABLE LANGUAGE OF THE SOLUTION
English, French (other on request)

COMPANY DETAILS:

Company: ALSATEL, Subsidiary of Forclum, Eiffage group
Contact: Mr. Denis Schaal
Address: 8 rue des Hérons
67960 ENTZHEIM
France

Telephone: (+33) 3 88 78 97 25
Web: www.alsatel.fr
Email: denis.schaal@alsatel.fr

SUPPORT:

Languages of the support: French, English
Contact: Support Team
Hotline number: (+33) 3 88 78 97 05
Hotline number for France: 0820 00 67 67
Available at time: 09:00 – 17:00 CET
Email support: support.dmralert@alsatel.fr
Internet: www.alsatel.fr

EMOplus

TOUCH SCREEN AUTOMOTIVE PC, NAVIGATOR & TELEMETRY

PRODUCT DESCRIPTION

EMOplus is a professional and energy efficient PC for vehicular use. The control panel is a touch screen display that allows a simple and easy interface for use with different MOTORBO™ radios. In the world of advanced communications there is an increasing demand for a vehicle system that is able to use different radio technologies.
EMOplus is suitable for public safety and commercial use for data transmission and navigation purposes, alarm management and database access. The PC Car running on Linux operating system is able to send and receive messages from its 7 inch touch screen display using MOTORBO™, but also TETRA and 3G networks. If used in accordance with our AVL software (E-MAP), it is possible to send routes and destinations directly from the control room to the EMO screen using DMR network. With EMOplus you can perform database query using DMR data transmission.

BENEFITS

The benefits of EMOplus are that it facilitates remote access to database providing direct access to different services. The product is versatile for more effective fleet management and resource deployment whilst taking the full advantage of digital transmission.

SUPPORTED MODULES

- EMOplus supports SMS service, database query, GPS location and other functionalities.
- Exchange data in point-to-point mode or point-to-multi-point topology
- Exchange data in transparent mode

FEATURES

- Several communications ports (Ethernet, RS-232, USB, VGA, digital I/O, etc.)
- Data exchange using: DMR, TETRA and 3G networks
- Touch screen display; also available as palm keyboard
- Supports connection to GPS in MOTORBO™ radios or to external receiver and use the GPS coordinates in many applications such as AVL
- Database query e.g. “plate request information” or customized query.
- "Text to speech" functionality
- LINUX BASED OS
- Wide temperature operative range
- Feeding 9-36V DC or 220 AC

EUROCOM TELECOMUNICAZIONI

SYSTEM REQUIREMENTS:

- Required radio hardware / releases compatibility: MOTOTRBO mobile radio in the car such as DM 3601 or DM 3401
- Required IP technology (PC, Internet, Ethernet): CMO software if additional functionalities are required i.e. routing
- Required interfaces:
- Required know how: Experienced in MOTOTRBO radio sales

EMOplus

Target markets (industries, customer segments etc.): Public Safety, Government, Emergency Services, Train Stations, Airports, Metro, Taxi and Limusine, Vehicle Fleet Market, Utilities, etc

PRICE INFORMATION

From € 800,00 to € 1.400,00 (Depending on the configuration)

Demo kit is available at 40% discount.

For a detailed price estimate see the price list. For customized solutions contact the commercial support.

Free demonstrations are available on request.

AT-A-GLANCE

GEOGRAPHICAL COVERAGE
EMEA and Latin America

ORDER TO SHIP CYCLE TIME
40 business days from the order

AVAILABLE LANGUAGE OF THE SOLUTION
English, Italian, French, Spanish, other languages on demand

COMPANY DETAILS:

Company: Eurocom Telecomunicazioni
Contact: Sales
Address: Eurocom Telecomunicazioni
Via Carpegna 9
Riccione 47838 RN
Italy

Telephone: (+39) 05 41 42 55 25
Bologna: (+39) 051 86 47 47
Rome: (+39) 06 79 84 18 87
Web: www.eurocomtel.com
Email: lorenzo.spadoni@eurocomtel.com

SUPPORT:

Languages of the support: English, Italian, Portuguese, Spanish
Contact: Mr Lorenzo Spadoni
Hotline number: (+39) 05 41 42 55 25
Mobile : (+39) 349 5722160
Available at time : 08.30 -12:30
14.30 - 18:30
Monday –Friday (GMT +1)

Email support: lorenzo.spadoni@eurocomtel.com
Internet: http://www.eurocomtel.com

More information are available on www.eurocomtel.com – product area or call at (+39) 349 5722160. Technical Manuals are available in English languages and Italian. On demand, for large order, we can produce documentation in any language.

FS-3000

OPTION BOARD FOR DATA TRANSFER

PRODUCT DESCRIPTION

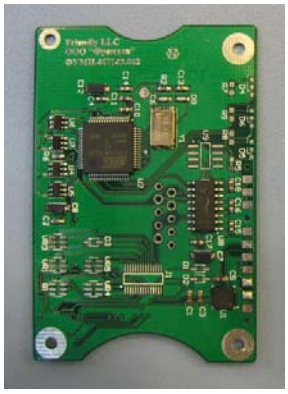
The FS-3000 option board is developed for the use with any MOTOTRBO radios to provide an interface with different data devices via RS-232.
As Option Board the FS-3000 was designed in accordance with Motorola requirements for MOTOTRBO OP.
The FS-3000 Option board is installed inside the radio and uses the internal bus of the radio.
The data-cable for portable radio is connected directly to accessory connector, while for mobile radio the data-cable is connected to mini-jack on option board.

BENEFITS

The MOTOTRBO radio with the FS-3000 Option board can be applied to many kinds of telemetry controllers in Utilities, Oil & Gas and water supply, Energy/power supply, Industrial Automation.

SUPPORTED MODULES

The FS-3000 Option board has two models:
FS-3000M – for MOTOTRBO mobile radios;
FS-3000P – for MOTOTRBO portable radios.



FEATURES

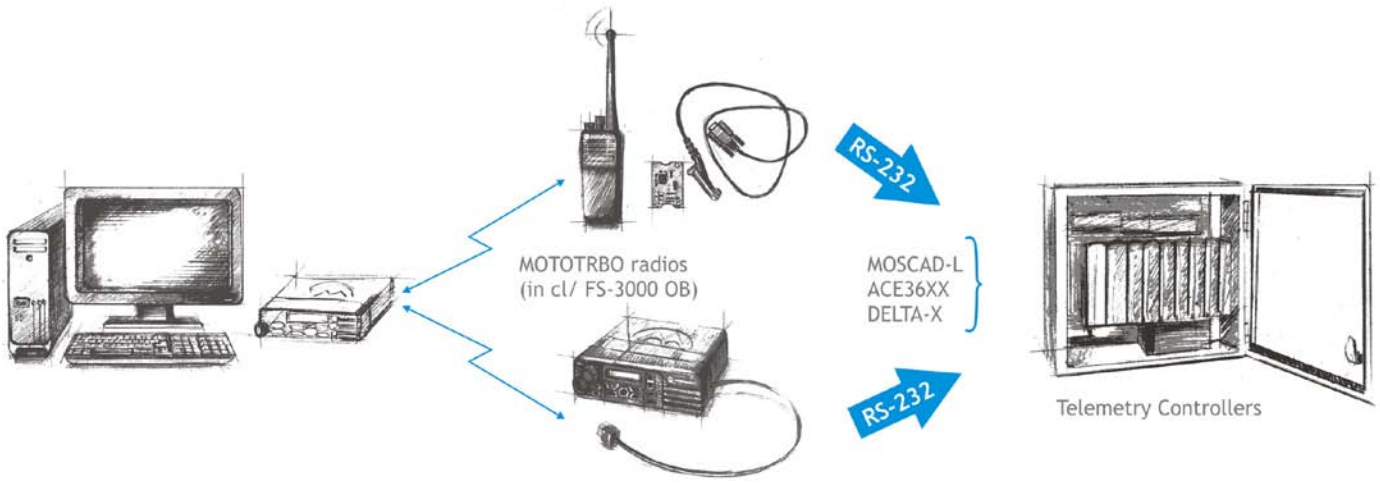
- ARM7 microprocessor architecture
- MAX3232 line driver
- Hardware handshaking (RTS, CTS)
- Max Tx PDU size is 1500 bytes
- Own buffering of 16 packets and error correction
- Windows based FS-3000-Configuration Software
- Local and remote “over-the-air” programming(from one to another)
- Adjustible interface parameters(bit rate, data bits,…) and radio initialization(ID, CAI Network)
- Upgrade is easy and available after new OP firmware is released
- Approved on MOSCAD, ACE36XX and Delta-X controllers

SYSTEM REQUIREMENTS:

- Required radio hardware / releases compatibility: Compatible with all MOTOTRBO radios
- Required IP technology (PC, Internet, Ethernet): PC or data device with the serial port
- Required interfaces: Data-cables for mobile or portable MOTOTRBO radios (delivered with the appropriate model of Option board). “End” connectors can be either RG-45 or DB-9 in accordance with the Customer’s requirements.
- Required know how: Very good knowledge of MOTOTRBO CPS and RS-232 configurations. The distributor must be equipped with the tools to install an Option board and after them to restore the waterproof of the radio.

FS-3000 OPTION BOARD FOR DATA TRANSFER

Target markets (industries, customer segments etc.): Utilities, Oil and Gas
Pipelines, Water supply, Industrial Automation, Telemetry and SCADA applications



PRICE INFORMATION

FS-3000-M Option board (HLN7001A installation Set and Data-cable are included)	$170.00
FS-3000-P Option board (Data-cable is included)	$150.00
Configuration Software is free of charge and included in the delivery	
Trial Kit consisting of two FS-3000 Option boards available for:	$280.00

AT-A-GLANCE

GEOGRAPHICAL COVERAGE

EMEA

ORDER TO SHIP CYCLE TIME

If available from stock, delivery time will be 3-5 days. If the goods are not in stock the delivery time will be 4-5 weeks

AVAILABLE LANGUAGE OF THE SOLUTION

Russian, English

COMPANY DETAILS:

Company: Friendly LLC
Contact: Valery Moroz
Address: Volodko str.,6
220007, Minsk
Republic of Belarus

Telephone: (+375) 17 220 55 45
Web: www.friendly.by
Email: moroz.valery@friendly.by

SUPPORT:

Languages of the support: Russian, English
Contact: Mr. Andrei Schakatsikhin
Hotline number: (+375) 17 220 55 45
Available at time: 09:00 – 18:00 CET
Email support: service@motorla.com
Internet: www.friendly.by

ROOM FOR LINKS TO FURTHER DOCUMENTATIONS
For further information regarding the devices and SW please contact on-phone or via e-mail

IFMI1

TRANSPARENT DATA & TELEMETRY INTERFACE

PRODUCT DESCRIPTION

The IFMI1 is a transparent Data and Telemetry Interface developed for the use with any MOTOTRBO Radio (R1.4 or higher) .

It is mounted directly onto the radio and connects to the internal bus of the radio, thereby achieving maximum reliability.

The IFMI1 is based on a microcontroller with a powerful ARM Cortex-M3 core. It comes with the following interfaces and GPIOs: two RS232 interfaces (no hardware flow control), Ethernet 10/100 M interface, one digital output, two digital inputs and diagnostic LEDs.

Optionally a high sensitivity onboard 16-channel GPS receiver is available.

BENEFITS

The IFMI1 is a low cost solution for data transfer in systems where MOTOTRBO™ technology is being used for voice communication already. It overcomes a shortcoming of the MOTOTRBO™ product where data can be send and received only via an USB port. The IFMI1 can be used for different kinds of applications.

SUPPORTED MODULES

- Allows the direct connection to Ethernet and RS232 interfaces of different data devices like RTUs, computers or simple control devices
- Can be easily programmed via the Ethernet interface

FEATURES

- Two RS232 interfaces, programmable from 110 to 115200 bit/sec
- One Ethernet 10/100M interface
- One digital output (max. 30V, 150 mA)
- Two digital inputs (L=0 to 0.8 V,H = 2.5 to 14 V)
- Status LEDs (two for Ethernet activity, two are application driven)
- Optional onboard 16 channel GPS receiver
- Firmware flash able via Ethernet port
- Power feed via internal radio bus
- Power drain: 50mA
- Operating temperature: -30°C....+75°C
- Storage temperature: -40°C....+85°C
- Dimensions: 50 x 170 x 30 mm
- Mounted directly onto the radio and requires no seperate power supply

SYSTEM REQUIREMENTS:

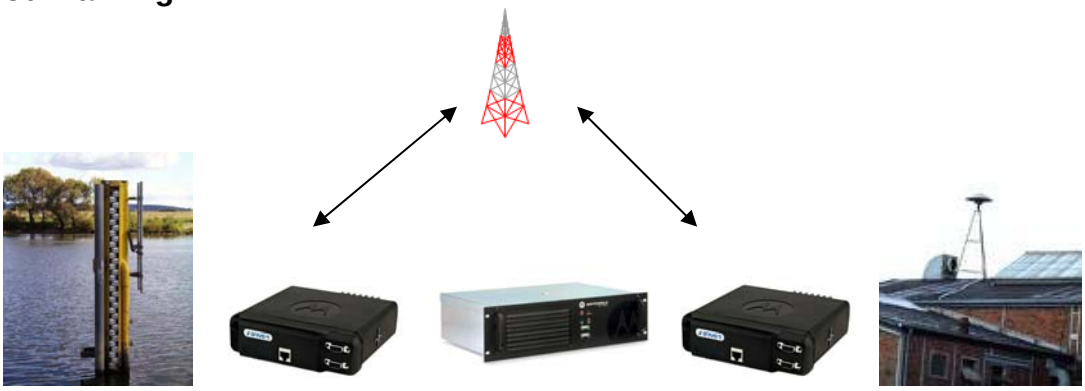
- Required radio hardware / releases compatibility: All MotoTrbo Mobile radios (R4.1 and higher)
- Required IP technology (PC, Internet, Ethernet):
- Required interfaces:
- Required know how: Very good knowledge on IP technology

IFMI1

Target markets (industries, customer segments etc.):

Utility Companies , Railways, Oil and Gas Pipelines, Transportation

Early flood warning



PRICE INFORMATION

1 to 9 units	USD 190,00
10 to 49 units	USD 175,00
> 50 units	USD 150,00

A demo and trial kit consisting of two IFMI1 is available for USD 185,00

Configuration Software is free of charge and can be downloaded from a server

AT-A-GLANCE

GEOGRAPHICAL COVERAGE

Europe, Eastern Europe, Middle East and Africa

ORDER TO SHIP CYCLE TIME

2 weeks

AVAILABLE LANGUAGE OF THE SOLUTION

Czech, English, Ukrainian and Russian, other languages on request

COMPANY DETAILS:

Company: KonekTel
Contact: Josef Prikryl
Address: Prazska 152
53006 Pardubice
Czech Republic

Telephone: (+420) 466 857 111
Web: www.connectel-cz.com
Email: sales@connectel-cz.com

SUPPORT:

Languages of the support: English, Czech
Contact: Mr Josef Prikryl
Hotline number: (+420) 466 857 111
Available at time: 08:30 – 17:30 CET
Email support: j.prikryl@konektel.cz
Internet: www.connectel-cz.com

ROOM FOR LINKS TO FURTHER DOCUMENTATIONS
IMFI Specification Sheet

radioPad™ & radioPod™

THE FIRST WIRELESS COMMAND FOR MOTOTRBO™ CONVERTS YOUR RADIOS INTO WIFI CONNECTED CONTROL CENTERS.

PRODUCT DESCRIPTION

radioPad™ & radioPod™ are Android based applications that allow you to control the functions of your MOTOTRBO radios.

Functions that can be controlled include: Channel Control, Zone Control, Voice Calls, Emergency Calls, Remote DeKey (for selected users), Text Messaging, Call Logging, Address Book, Direct Mode Communication between various radioPad™ & radioPod™ devices, Enterprise Class, Wireless Security (WEP, WPA-2-Enterprise, WPA2-PSK, WPA-PSK).

With radioPad™ & radioPod™, you have the capability to control multiple radios from your tablet, using a customized user interface to personalize your communications. radioPad™ & radioPod™ also has multi-language capabilities.

BENEFITS

- Android-based Solution with Smart Phone App
- Customizable Interface in any language
- Integrates with Existing Radio System
- Wireless freedom to control communications from your wrist, from outside of the vehicle, or away from the base station in your dispatch center.
- Easy-to-Use
- Improved Field Communications
- Supports Capacity Plus, Linked Capacity Plus, Conventional, IP Site Connect & Connect Plus
- Enhanced Emergency Response Communications

SUPPORTED MODULES

- **Text Messaging**
  Advanced text messaging allows two-way SMS communication between a radio or group of radios.
- **VoicePad/VoicePod**
  Voice call (Private, Group and All Calls) direct to any Radio or other radioPad/Pods. Emergency Calls with remote DeKey (for select users).
- **Radio Controls**
  Standardize your applications and customize your Communications. Functions are compatible with Portable, Mobile and Fixed base-station radios.

FEATURES

- Voice Communication Management
- Text Messaging
- Wireless radio control head
- Customizable/Personalized GUI

APPLICATIONS

- Credit Card Readers
- Authentication
- Scanners
- Barcode
- Biometrics
- Alarms
- Invoicing
- Ticketing
- RFID

2011 Best Application Partner

SYSTEM REQUIREMENTS:

- Required radio hardware / releases compatibility: MOTOTRBO™ 1. 8
- Required IP technology: SafeMobile SafeBridge™ Unit, Android based tablet or mobile device (5" screen – Pod / 7"+ screen – Pad)
- Required interfaces: Android 2.1 or higher
- Required know how: Basic computer and windows system knowledge

radioPad™ & radioPod™

Target markets:

Public Safety, Government, Transportation, Oil & Gas, Taxi and Limousine, Utilities, Public and Student Transportation, Private Security, Municipal Services, Emergency Services, Fleet Management

PRICE INFORMATION

radioPad™ & radioPod™ are Android based applications that allow you to wirelessly control the functions of your MOTOTRBO® radios.
Recommended List Price: $795.00

Available Suites:
VoiceDispatch> Text > Radio Controls

Mapping Options:
N/A

Optional Services:
Remote Support Service, Language Customization, GUI Customization

Works in conjunction with the SafeBridge™ unit connected to your handheld, mobile or base station.

* To request a quote log on to www.safemobile.com and visit our "Contact Us" section.

AT-A-GLANCE

GEOGRAPHICAL COVERAGE

Worldwide

ORDER TO SHIP CYCLE TIME

radioPad™ & radioPod™ are available for customers around the world through our online customer portal at www.safemobile.com. For customized languages/GUI and pricing contact us at safemobile@safemobile.com.

AVAILABLE LANGUAGE OF THE SOLUTION

English, Russian, French, Spanish, German, Turkish, Arabic, Romanian, Czech, Chinese, Italian

COMPANY DETAILS:

Company: SafeMobile
Contact: Sales
Address: 3601 E. Algonquin Road, #800
Rolling Meadows
IL 60008 USA

Telephone: (+1) 847 818 9999
Web: www.safemobile.com
Email: safemobile@safemobile.com

SUPPORT:

Languages of support: English, Russian, French, Spanish, German, Turkish, Arabic, Romanian, Czech, Chinese

Contact: Vanda Toner
Telephone: +(1) 847-818-1649
Email support: support@safemobile.com
Internet: www.safemobile.com

For more information about our products please visit our website www.safemobile.com.
For further inquiries and questions please email us at safemobile@safemobile.com.

SmartPTT File Transfer

FILE TRANSFER SOFTWARE

PRODUCT DESCRIPTION

SmartPTT File Transfer is the freeware application to transfer files through the radio channel based on MOTOTRBO™ radios. SmartPTT File Transfer is specially designed for effective data transmission taking into account the limitations of the connection provided by MOTOTRBO™. It consists of 2 parts:

1. Client Application: Transfers selected file to the server PC. MOTOTRBO radio must be connected to client computer via USB.
2. Server Application: Accepts the file sent from the client. MOTOTRBO radio must be connected to server computer via USB.

BENEFITS

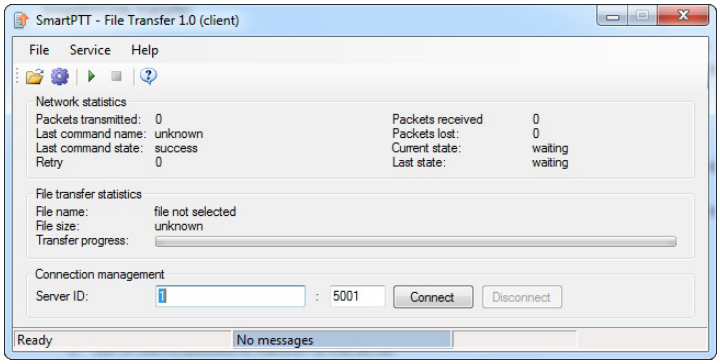
SmartPTT File Transfer provides efficient way to copy files between two computers connected by the radio channel based on MOTOTRBO radios. It is completely free and can easily be downloaded from SmartPTT website.

SUPPORTED MODULES

Conventional MOTOTRBO, IP Site Connect, Capacity Plus,…

FEATURES

- Transfer speed 1150 Bit/s
- Automatic transfer recovery
- List of clients allowed to transfer to the server
- Easy to install, lightweight application
- Free of charge



SYSTEM REQUIREMENTS:

- Required radio hardware / releases compatibility: MOTOTRBO radios with firmware 1.6 and above, latest firmware recommended
- Required IP technology (PC, Internet, Ethernet): PC, Windows XP/2003/Vista/Windows 7, Pentium, 1 Gb RAM
- Required interfaces: USB
- Required know how: PC experienced user

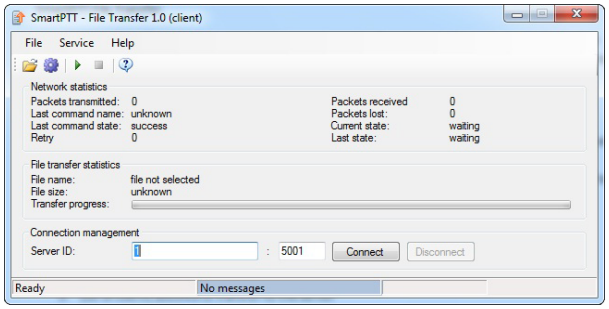
SmartPTT File Transfer

Target markets (industries, customer segments etc.):

For everyone who needs reliable solution for transfer files through the radio channel.

Public Transportation

Oil Transportation



PRICE INFORMATION

SmartPTT File Transfer	*Free*

AT-A-GLANCE

GEOGRAPHICAL COVERAGE

Worldwide

ORDER TO SHIP CYCLE TIME

Immediate. It can be downloaded from our website.

AVAILABLE LANGUAGE OF THE SOLUTION

English, Russian

COMPANY DETAILS:

Contact: SmartPTT Sales Team
Address: Elcomplus LLC
130a Frunze avenue
Tomsk 634021
Russian Federation

Telephone: (+7) 3822 522 511
Web: www.smartptt.com
Email: info@smartptt.com

SUPPORT:

Languages of the support: English, Russian
Contact: SmartPTT Support Team
Hotline number: (+7) 3822 522 511
Available at time: 09:00 – 18:00 (GMT+6)
Email support: support@smartptt.com
Internet: www.smartptt.com

ROOM FOR LINKS TO FURTHER DOCUMENTATIONS
Visit our site at www.smartptt.com; http://www.smartptt.com/en/filetransfer.html

ZONITH ALARM CONTROL SYSTEM (ACS +PLUS)

RADIO ALARM DISPATCHER

PRODUCT DESCRIPTION

The ZONITH Alarm Control System is a Windows based software application that intelligently and automatically dispatches emergency and business critical alarms to MOTOTRBO™ radios. ACS +Plus allows people to remotely acknowledge, decline and close alarms using MOTOTRBO™ radios.

BENEFITS

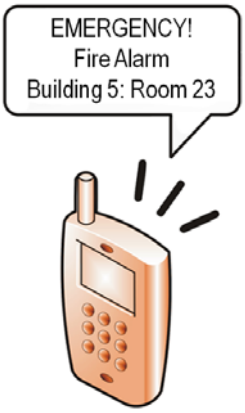
The ACS +Plus allows a workforce to receive, read and manage alarms or tasks while on the move - without the need to return to a control room or alarm panel. ACS +Plus automatically selects alarm responders based on availability, location and skill set. ACS +Plus is a fully automated system and is designed to significantly improve the way people work and manage their time.

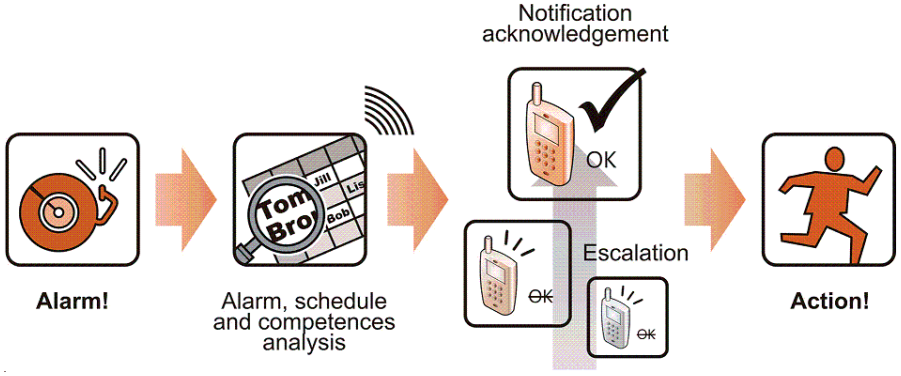
SUPPORTED MODULES

Direct, Conventional Repeater, IP Site Connect, Capacity Plus

ACS +PLUS FEATURES:

- Receive emergency and business critical SDS alarm messages on your MOTOTRBO™ radio.
- Acknowledge, decline, close and escalate alarms using your MOTOTRBO™ radio interface.
- Define and schedule the flow of alarms to ensure the right people are immediately notified.
- Create action filters to handover alarm messages to other media, e.g. GSM, E-mail
- Automatically dispatch alarms based on peoples competency and their location.
- Notify mobile phone and e-mail users when people press their MOTOTRBO™ radio.
- Provide Centralized Lone Worker by raising alarms if people don't respond to a message.
- Supports 'Safe Area' to automatically activate Centralized Lone Worker.
- Provides a simple web browser interface from any connect computer.
- Supports 'Audio Announcement' for DP 3400 MOTOTRBO™ radios.





SYSTEM REQUIREMENTS:

- Required Radio Hardware: 1 MOTOTRBO base station, radio firmware version 1.6.0 or greater.
- Required: PC Dual-core 2GHZ CPU or higher, 4GB of system RAM, Windows XP 32-bit or Windows 7, 10/100/1000
- Supports Alarm Interfaces: RS232, I/O, ASCII, SMPT, OPC, SMS, TETRA, DMR, DATABASE
- Required Know-How: PC Savvy, understanding of MOTOTRBO CPS configurations.

ZONITH ALARM CONTROL SYSTEM (ACS +PLUS)

Target markets (industries, customer segments etc.):

Utilities, Natural Resources, Hospitality, Manufacturing, Healthcare, and Education.

PRICE INFORMATION

ACS +Plus Solutions for MOTOTRBO start from € 2,000.00

For detailed pricing, contact a ZONITH sales representative.

Demonstration packages available, please contact a ZONITH sales representative for more details.

AT-A-GLANCE

GEOGRAPHICAL COVERAGE

North America, EMEA, APAC, CALA

ORDER TO SHIP CYCLE TIME

Typically 5-10 business days for hardware, software downloads available instantly.

AVAILABLE LANGUAGES OF THE SOLUTION

English. Other languages available upon request.

COMPANY DETAILS:

Contact: Eoin Foy
Address: ZONITH UK Ltd
Sheraton House
Cambridge
CB30AX, UK

Telephone: (+44) 01223 370188
Web: www.zonith.com
Email: sales@zonith.com

SUPPORT:

Languages of the support :
English, French, Spanish, Mandarin, Polish
Contact: Support Team
Hotline number: UK / (+44) 01223 370188,
Copenhagen:/ (+45) 3332 4530

Available at time: Office 8am-6pm GMT
Email support: support@zonith.com
Internet: www.zonith.com
Skype: zonith.support

For all support levels, the following are included: Maintenance releases, software updates during the support period on purchased components, phone-in support, email support, access to ZONITH online support portal.

ZONITH

ADEO-INTEROX COMMUNICATION STATION

PATCHING SOLUTION FOR HETEROGENEOUS NETWORKS

PRODUCT DESCRIPTION

Adeo Interox Communication Station is a dispatcher platform developed to guarantee total interoperability between MOTOTRBO™ technology and all the other radio technology available on the market. Adeo Solution, offers dispatching functionalities, GPS based localisation and cross patch functions. The iRadio gateway ensures the ability to cross connect DMR radios with TETRA, Analog radio, GSM, PBX (analog and IP), satellite phones, HF radio, and ASTRO.
Adeo Interox offers two types of interoperability:
The first interoperability "type" is the "mediated" by the operator, that implies that the control room will enable cross patch between MOTOTRBO™ user and other radio technology user.
The second type, offers the opportunity to the radio end user to direct patch his terminal with other technology. Directly from the field the radio user can send a message that will enable group call involving telephone users, or radio device from other technology (such as TETRA, ASTRO or 3G cell phones).
Adeo Interox extends the radio functionalities to devices (such as mobile phone) that usually have only point to point communications.
With this solution is possible to create static or dynamic conference call involving several different radio technologies.

BENEFITS

Adeo Interox Communication station is the bridge between the existing technology and MOTOTRBO. Adeo ensures the capacity to crosspatch any radio technology to DMR, and handle the heterogeneous network as only one virtual network.

SUPPORTED MODULES

Adeo Interox solutions support all the most common radio and telephone technology, such as MOTOTRBO, TETRA, ASTRO, ANALOG (all bands), 3G cell phone (GSM/UMTS), PSTN, ISDN, VoIP (H323 and SIP), Satellite phones.
Interox allows to interface PMR networks (analog and digital) to VOIP networks enabling the integration of voice and data communication services typically supported by PMRs, with the management infrastructure usually running on an IP network.

FEATURES

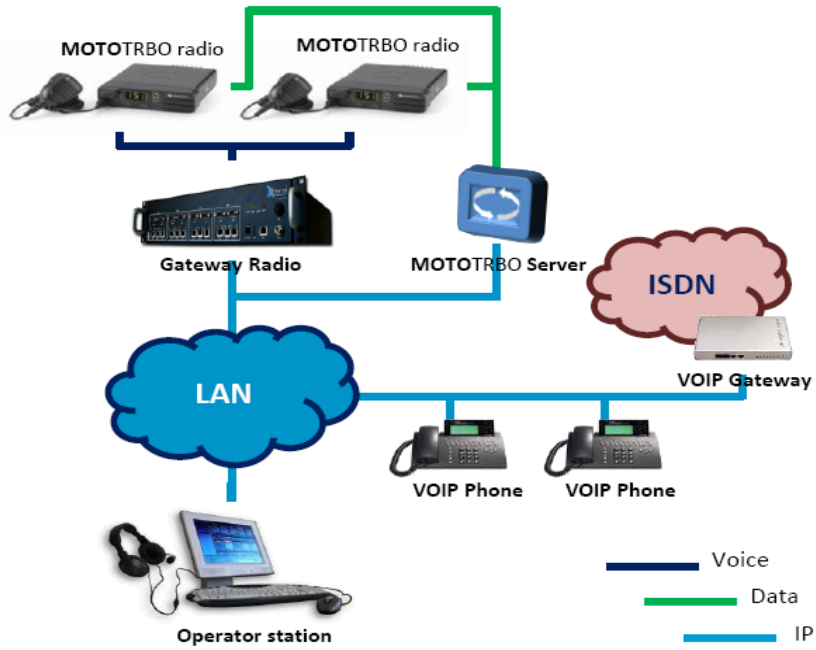
More interoperability. Interox allows users to activate advanced interoperability functions between heterogeneous PMR networks.
Worldwide diffusion of PMR communication. The IP protocol is supported by almost all communication service providers. This means that it is easy to obtain the worldwide extension of an IP link. This scenario enables Interox to extend every PMR communication throughout the world.
Flexibility in communications. PMR networks can be used by any users on the IP network. With the Interox communication software or other standard VOIP applications, users can link to any PMR network interfaced by an I-Radio Gateway.
New services. Interox provides the possibility of new services for PMR users like IP multi-conference (video and voice), integrated messaging and presence services.
Reduced network costs. Thanks to the IP convergence, a single technology can be used for all the services (voice, video, data, radio).

SYSTEM REQUIREMENTS:

- Required radio hardware: DM3600 release 1.4 or higher, compatible since release 01.02.03, RNDIS Motorola Driver, Motorola connection wire PMKN4016A.
- Required IP technology (PC, Internet, Ethernet): Workstation PC with Microsoft OS. IPv4/v6, one sound card device per channel and one port (Serial/USB) per channel. Suggested Pentium 4 or equivalent, 1Gb RAM, 50 Gb HDD.
- Required interfaces: iRadio Gateway hardware supplied by Eurocom Telecommunicazioni.
- Required know how: Experience in MOTOTRBO radio programming. Basic OS and IT administration know how required.

ADEO-INTEROX COMMUNICATION STATION

Target markets: The solution developed to serve public and private customer, emergency, security and control purpose. Our markets are all customers that need flexible interconnections, localization and coordination of all aspects operating on a wide scale.



Price information

From € 2,000.00

Detailed price estimation on demand.
For customized solutions contact the commercial support.

Free demonstrations are available on request.

AT-A-GLANCE

GEOGRAPHICAL COVERAGE

The geographical coverage proposed for our products is the EMEA (Europe Middle East and Africa) and Latin America.

ORDER TO SHIP CYCLE TIME

Depending on the configurations, average time: 30 days.

AVAILABLE LANGUAGE OF THE SOLUTION

English, Italian, Spanish, German, French, on demand in any language.

COMPANY DETAILS:

Company: EUROCOM Telecomunicazioni
Contact: Lorenzo Spadoni
Address: Via Carpegna 9
Riccione (RN)
47843
Italy

Telephone: +39 0541 694212
Web: www.eurocomtel.com
Email:export@eurocomtel.com

SUPPORT:

Languages: English, Italian, Portuguese, Spanish
Contact: Mr. Lorenzo Spadoni
Hotline number : (+39) 0541 425525
(+39) 349 5722160 (mobile)
Available times : 08.30 -12:30, 14.30 - 18:30
Monday –Friday (GMT +1)
E-mail: lorenzo.spadoni@eurocomtel.com

FURTHER DOCUMENTATIONS

More information are available on www.eurocomtel.com – product Area or call at (+39) 0541 425525. Technical Manual are available in English languages and Italian. On demand, for large projects, we can produce documentation in any language.

AUDIO GATEWAY RA-TI-XX

FULL DUPLEX AUDIO GATEWAY FOR CONSOLE AND PHONE BRIDGE

PRODUCT DESCRIPTION

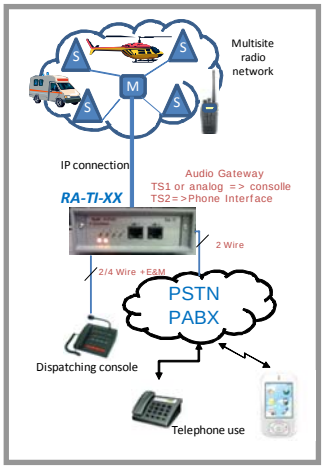
Audio Gateway by Radio Activity provides management of multisite simulcast and non simulcast networks. RA-TI-01 and RA-TI-02 perform an automatic radio to telephone and telephone to radio interface.These modules, connected through an IP port to a base station or to an IP multisite network, furnish a true full duplex DMR audio gateway port. They operate in standalone mode (no external PC needed) and are able to manage an automatic phone bridging and/or interfacing an analog console. The RA-TI-XX is connected to one IP only (e.g. Master station IP). In the case of Master failure, the audio gateway connects itself automatically to the “Alias Master” IP which ensures constant communication between a dispatcher, radio and telephone terminals. .

BENEFITS

It eliminates communication delays and other instabilities that occur with VOX. A conventional console or dispatching system may be easily re-used in a DMR network saving costs and reducing trouble during migration. Due to the full management of DMR protocol, the Audio Gateway can open all communications of the radio network, including private. This feature is ideal for full recording purpose in most emergency situations.

SUPPORTED MODULES

There are three main functionalities in Audio Gateway: Phone Bridge, Analogue Console and IP Dispatch.



FEATURES

Phone Bridge Features:

- Full duplex connection eliminates telephone/radio communication delays and other instabilities that may occur with VOX (important for Phone Bridge Applications)
- Direct IP connection with the repeater
- All DMR calls management (private, group, broadcasting)
- Phone selection of the DMR user/group via DTMF digit
- Programmable line release tone detection to meet most telephone standards
- Priority “over the air” output and control of the communication flow
- Emergency Call Management
- Call logging, Voice recording and reporting
- Text messaging, emails and positioning reports available on dedicated IP ports

Analog Console applications:

- Console port accesses the radio network directly (not from a mobile terminal) with priority respect to the mobile terminals)
- operates in automatic dual mode analog/DMR audio gateway.

IP dispatching applications:

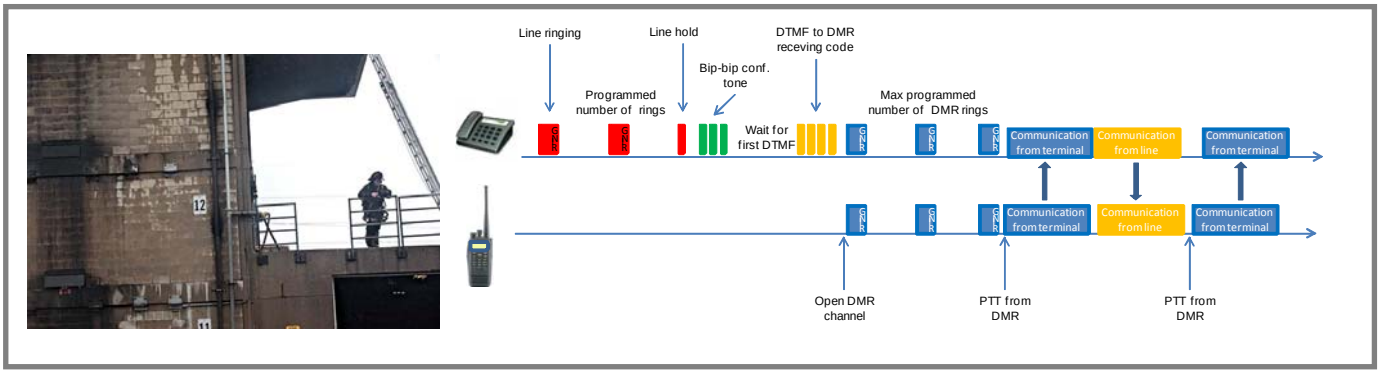
- operate in UDP-IP streaming (standard mu-law 64kb/s digital audio over IP) to create PC based dispatching system.

SYSTEM REQUIREMENTS:

- Required radio hardware / releases compatibility: MOTOTRBO™ terminals with 1.v6a or higher SW release; RA-XXX IP base stations as standalone repeater or multisite multicast/simulcast network. Direct interfacing with DR3000 is not yet implemented.
- Required IP technology (PC, Internet, Ethernet): UDP/IP connection between the RA-TI-XX and the base station.
- IP bandwidth requirement: 70Kb/s in analog up/down or 30Kb/s in DMR (both timeslots) up/down
- Required interfaces: Ethernet 10BT/100TX for IP; 2wires phone (line user side) or 2/4wire + E&M from external console
- Required know how: IP networking basic concepts, MOTOTRBO™ programming tools

AUDIO GATEWAY RA-TI-XX

Target markets (industries, customer segments etc.): Public safety (Police, Fire Brigades, Medical Rescue, Civil Protection,…), Utilities (Oil and Gas, Electricity production and distribution, …), Transportation, Municipal Police, Taxi, Campus



PRICE INFORMATION

(Motorola resellers price, ex works Milan, without VAT):

RA-TI-01 single line/timeslot audio gateway-phone bridge	€ 2.000,00
RA-TI-02 double lines/timeslots audio gateway-phone bridge	€ 2.600,00

Demonstrations on demand will be supported by Radio Activity.

AT-A-GLANCE

GEOGRAPHICAL COVERAGE
Worldwide (please specify your phone line signalling standard)

ORDER TO SHIP CYCLE TIME
Four weeks

AVAILABLE LANGUAGE OF THE SOLUTION
English, Italian, French

COMPANY DETAILS:

Company: Radio Activity S.r.l.
Contact: Mr. Sergio Pontello
Address: Via Ponte Nuovo, 8
20128 Milano
Italy

Telephone: (+39) 02 36 51 42 05
E-FAX/Voicebox: (+39) 17 82 24 24 08
Web: http://www.radioactivity-tlc.com/?lan=en
Email: radio.activity@fastwebnet.it

SUPPORT:

Languages of the support: Italian, English
Contact: Mr. Giovanni Ruggeri
Hotline number: (+39) 02 36 51 42 05
Available at time: 09:00 – 17:00 CET
Email support: radio.activity@fastwebnet.it
Internet: http://www.radioactivity-tlc.com/?lan=en

ROOM FOR LINKS TO FURTHER DOCUMENTATIONS
Telephone interface for DMR equipments:
http://www.radioactivity-tlc.it/documenti/ENV3%20-%20DMR%20Telephone%20interface.pdf
It is a draft description of the automatic telephone interface for DMR networks and repeaters

EASY SIMULCAST RA-080/160/450

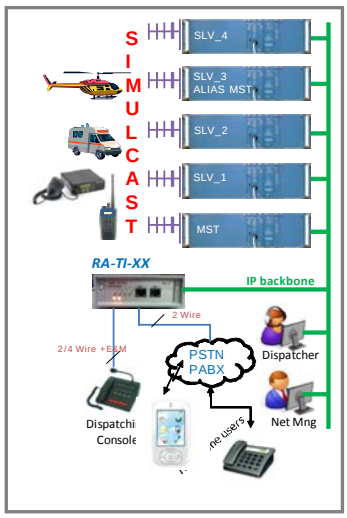
FLEXIBLE BASE STATION FAMILY FOR SIMULCAST INFRASTRUCTURE: IP BASED

PRODUCT DESCRIPTION

The RA-XXX base stations are “software defined radio” specifically developed to achieve optimum performance on digital and analog simulcast networks. The sophisticated algorithms inside automatically detect and solve the main simulcast problems in the overlap areas, allowing fast and easy network implementation. The base stations have capability to recover accurate sync (time and frequency), adjust the delays (coming from IP and RF propagation) and align the DMR protocol history to achieve precise and matched emissions of the bit streaming. Main characteristic are: up to 32 slaves for each master, automatic analog/DMR functioning, network control layer, etc. The radio system will automatically react to failure situations by seeking a minimum possible disruption. An “Alias Master” station, placed away from the main Master, will automatically replace the Master in case of failure. Now, to implement a simulcast, all you need is to set frequencies, assign IP addresses and … POWER ON!

BENEFITS

Simulcast is a radio network in which all the repeaters are active on the same frequency and simultaneously at the same time. It corresponds to a single “big repeater” using the same frequency over the whole coverage area. It is particularly useful in areas with poor connectivity due to lack of frequencies e.g. high density areas with buildings. The simulcast network removes the need of scan on mobiles and portables, assures real time roaming and hand over during the call, eliminates call losses and saves on frequencies and their license costs. The simulcast solution is the best solution for emergency situations providing a fast and efficient “open channel” communication over the entire coverage area.



FEATURES

RA-XXX’s main features:

- Ideal to build-up dual mode analog/DMR multisite simulcast networks
- Able to operate with the most popular link interfaces like TCP/IP, E1/T1, twisted wires, narrowband radiofrequency link and also in mixed environments
- Full LINUX “IP native” platform
- Soft diversity receivers for best performance in fading events
- Temperature, VSWR and voltage protections with automatic DMR advises
- IP ports dedicated to audio gateway, txt messages, positioning and telemetry
- Powerful remote control tools that minimize set-up and maintenance costs
- Compact structure (1/2 SUBRACK 19” 3HE, width 280 mm) made up by single shielded modular units, internal duplexer included
- Up to 25W RF power in 68-88 MHz (RA-080), 146-174MHz (RA-160) and 410-470MHz (RA-450) bands

SYSTEM REQUIREMENTS:

- Required radio hardware / releases compatibility: Mototrbo terminals with 1.v6a or higher SW release; RA-TI-XX as audio gateway (if needed); RA-XXX base stations as multisite IP simulcast network. Currently direct interfacing with DR3000 is not possible.

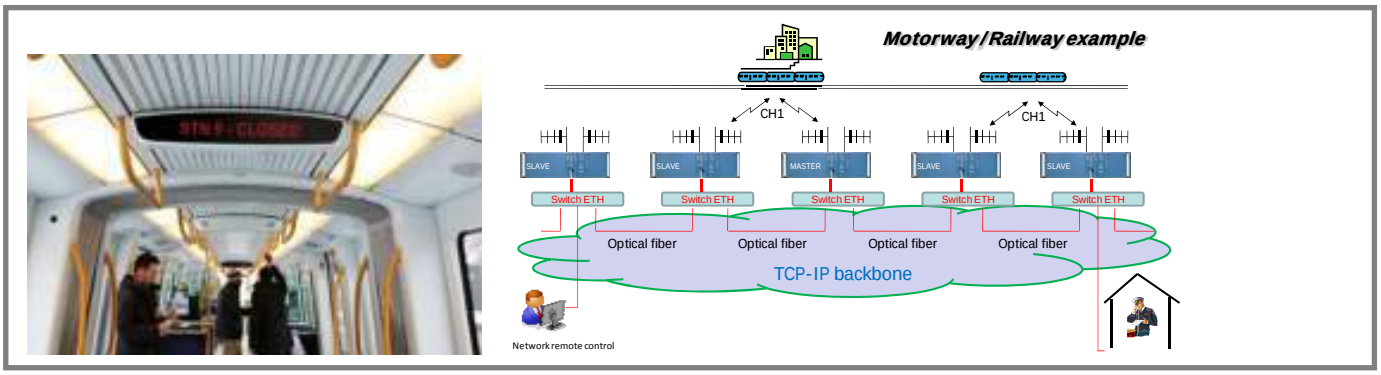
- IP backbone requirements:
- protocols: UDP/IP and TCP/IP (ipv4) multicast and unicast according to RFC 4594
- bandwidth: the IP bandwidth is used in presence of valid signal only; it is required <70Kb/s in analog or 24Kb/s in DMR (both timeslots); the Master requires N x this bandwidth to manage N active Slaves

- Required interfaces: Ethernet 10BT/100TX for IP; SMA for external GPS receiver antenna

- Required know how: IP networking basic concepts, Mototrbo programming tools, familiarity with multisite radio networks

EASY SIMULCAST RA-080/160/450

Target markets (industries, customer segments etc.): Professional Mobile radio system communications for Public safety (Police, Fire Brigades, Medical Rescue, Civil Protection, …), Utilities (Oil and Gas, Electricity production and distribution, …), Transportation (railways, motorways, urban bus and underground, …), Municipal Police, Taxi, Campus, National Parks, Telemetry and SCADA applications



PRICE INFORMATION

(Motorola resellers price, ex works Milan, without VAT):
Master station (up to 4 Slaves) from € 9.600,00
Slave station from € 7.600,00

Demonstrations on demand will be supported by Radio Activity.

AT-A-GLANCE

GEOGRAPHICAL COVERAGE
Worldwide

ORDER TO SHIP CYCLE TIME
Eight to twelve weeks

AVAILABLE LANGUAGE OF THE SOLUTION
English, Italian, French, German

COMPANY DETAILS:

Company: Radio Activity S.r.l.
Contact: Mr. Sergio Pontello
Address: Via Ponte Nuovo, 8
20128 Milano
Italy

Telephone: (+39) 02 36 51 42 05
E-FAX/Voicebox: (+39) 17 82 24 24 08
Web: http://www.radioactivity-tlc.com/?lan=en
Email: radio.activity@fastwebnet.it

SUPPORT:

Languages of the support: Italian, English
Contact: Mr. Mauro Campidoglio
Hotline number: (+39) 02 36 51 42 05
Available at time: 09:00 – 17:00 CET
Email support: radio.activity@fastwebnet.it
Internet: http://www.radioactivity-tlc.com/?lan=en

ROOM FOR LINKS TO FURTHER DOCUMENTATIONS
Simulcast Network overview: http://www.radioactivity-tlc.it/documenti/ENB18-Simulcast%20overview.pdf
This is a brief overview on simulcast radio networks and how Radio Activity products and technology can cover this communication method

HERNING D.H.R. TELEPHONE INTERFACE

TELEPHONE INTERCONNECT

PRODUCT DESCRIPTION

As an automated management of your radio network, D.H.R. HERNING provides gateway between

- The telephone network through analogue private and public land line, GSM modem or satellite system Inmarsat and a two way radio network analog or digital
- IT system via USB port RS 232 (computer, printer, modem…).
- External audio equipment due to a microphone input and a speaker output (intercom, desktop, speech synthesis…).

BENEFITS

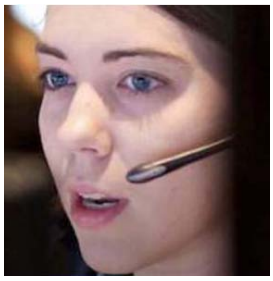
Installation of D.H.R. Telephone Interface is easy. Full support is received by our Hot Line service. We also developed a range of applications suitable for different market requirements at very attractive prices

SUPPORTED MODULES

MOTOTRBO™ Conventional system, IP Site Connect and Capacity Plus

FEATURES

- Standard 5-tone signaling: EEA, ZVEI 1 & 2, CCIR; special signaling on demand
- DTMF coding and decoding of telephone and radio voice
- Timetables, number registration and all parameters can be customized
- Energy use: 12V, 200mA
- Easily adapted to system requirements
- Customisable voice messages to help with use and transmission of alarms
- Small dimensions: 265x265x75 mm or in rack 19'' 2U, weight: 2kg
- DOC No 98500Z A

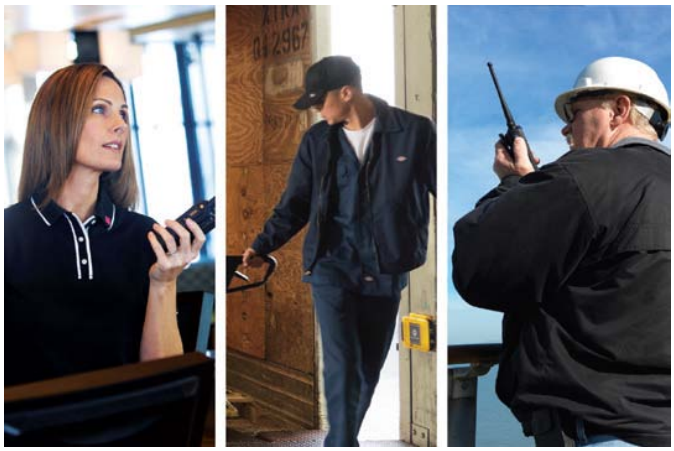


SYSTEM REQUIREMENTS:

- Required radio hardware / releases compatibility: MOTOTRBO R1.08.00
- Required IP technology (PC, Internet, Ethernet): Repeater with the phone patch license: HKVN4056A (DR 3000) or HKVN4057A (MTR 3000)
- Required interfaces: one telephone interface on one repeater
- Required know how: Technical knowledge of the CPS software and radio installation

HERNING D.H.R. TELEHONE INTERFACE

Target markets (industries, customer segments etc.): Security services, Municipalities industrial and commercial sites, transport services, taxis, building sites



PRICE INFORMATION

Sales price **€ 1 965,00** (ex VAT)

Distributor's discount available.
For big quantities please contact us.

Demo Kit available on request

AT-A-GLANCE

GEOGRAPHICAL COVERAGE

EMEA

ORDER TO SHIP CYCLE TIME

Immediately, depending on stock.

AVAILABLE LANGUAGE OF THE SOLUTION

French, English

COMPANY DETAILS:

Company: DATAHERTZ
Contact: Pascal HELIE
Address: 39 rue LOUVEAU
F 92320 CHATILLON
France

Telephone: +33 1 40 92 78 05
Web: www.datahertz.fr
Email: informations@datahertz.fr

SUPPORT:

Languages of the support: French
English (email)
Contact: Pascal HELIE
Hotline number: +33 1 40 92 78 05
Available at time: 09:00 – 18:00 CET ….
Email support: informations@datahertz.fr
Internet: www.herning.fr

ROOM FOR LINKS TO FURTHER DOCUMENTATIONS
Document techniques et commerciaux : http://www.herning.fr/pro/telechargement.htm
Nos autres produits : www.herning.fr

PHONE@TRBO™

TELEPHONE INTERCONNECT

PRODUCT DESCRIPTION

phone@trbo™ allows radios to connect to corporate office or public phone systems. There is a possibility to pre-program a button for emergency calls, transfer calls to security guard's radios while away from their desk, use the company's phone system to dial a specific radio or talkgroup. Emergency calls are sent to the AllCall talkgroup. There is also Man-down emergency support for unmonitored lone worker.

BENEFITS

phone@trbo™ offers the features of a traditional analog phone patch while adding the benefits of both digital telephony and MOTOTRBO™ radios.

For instance, text messaging is used for signaling, not only to make a call, but also to notify the caller-ID of an incoming call. In case the call is missed, it is easy to call back by simply replying to the caller-ID text message. Similarly, call filtering notifies phone callers that a radio is offline or they mis-dialed the group, thus freeing up airtime and the phone line.

Best, phone@trbo does not burden subscriber radios with an additional option board, nor it requires phone callers to know what slot to call into. It can even be expanded to support email, and other features.

SUPPORTED MODULES

phone@trbo™ supports any type of MOTOTRBO™ radios, configured for one of the following modes of operation:

- Simplex
- Conventional repeater
- IP site connect
- Capacity Plus

FEATURES

- Private. group and AllCall calls to radios
- Multiple incoming phone call routing options: direct patch, voice menus and auto-routing
- Dial from radio with hot-keypad or text
- Text messaging-based dial, hangup and incoming call with caller-ID
- Return calls by replying to caller-ID messages
- Audio and text notifications to radios
- Emergency (man-down) automatic dial with pre-recorded voice message
- IETF SIP complaint telephony signaling
- Supports analog lines via Cisco adapter
- Program radios with 1-button dial
- Half-duplex or full-duplex (with TX interrupt)
- Signal processing to reduce noise and adjust audio levels
- Easily add email, SCADA, dispatch, logging, and other services

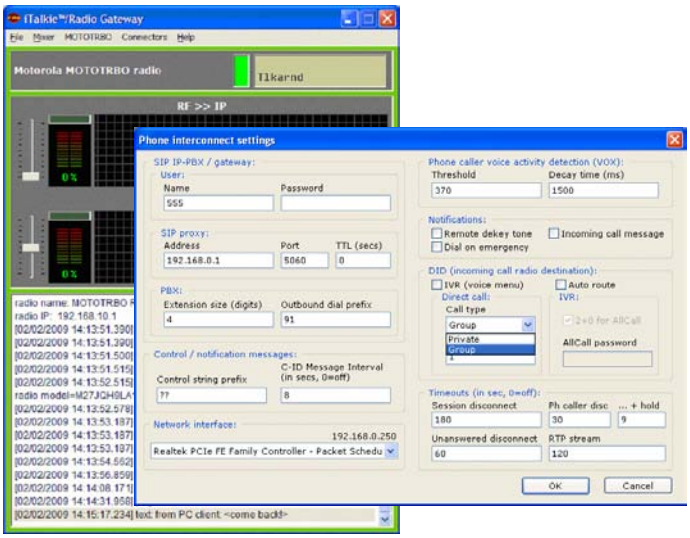
SYSTEM REQUIREMENTS:

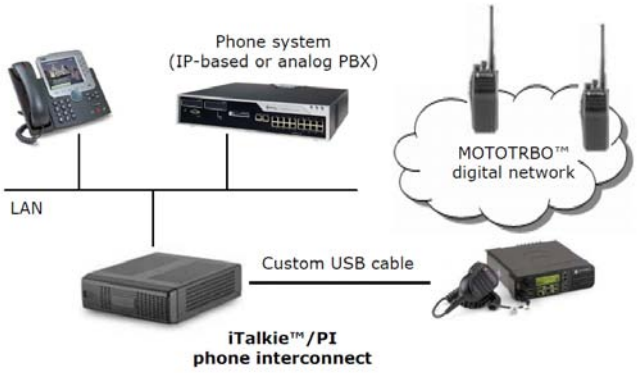
- Required radio hardware / releases compatibility: any Motorola MOTOTRBO radio with firmware 1.07.04 an up.
- Required IP technology (PC, Internet, Ethernet): IETF-SIP based or analog (using Cisco SPA3102 adapter) phone system, Ethernet for deployment and monitoring. (PC is included)
- Required interfaces: Ethernet for network access to the PBX or FXO gateway.
- Required know how: besides MOTOTRBO CPS programming, PC and telephone installation skills.

PHONE@TRBO™

Target markets (industries, customer segments etc.):

Hospitality industry, Utilities, Public transit, Municipality operations, Retail delivery operations, Tow truck operators, Health services, Security, Transportation, Agriculture, Communications, Construction, Education, Government, Manufacturing, Real Estate, Distribution





PRICE INFORMATION

- system: $4,000 (*)
- optional software maintenance plans
- optional: support

(*) no option boards required

AT-A-GLANCE

GEOGRAPHICAL COVERAGE
Worldwide

ORDER TO SHIP CYCLE TIME
10 days.

AVAILABLE LANGUAGE OF THE SOLUTION
English. Others available upon request.

COMPANY DETAILS:

Company: TABLETmedia, Inc.
Contact: Alessandro Gatti
Address: 2468 Union Street,
San Francisco, CA 94123
USA

Telephone: +1 (415) 567-8100
Web: www.tabletmedia.com
Email: alexg@tabletmedia.com

SUPPORT:

Languages of the support: English, French, Italian
Contact: Mr. Bernard Shakey
Hotline number: +1 (415) 567-8100
Available at time: 07:00 – 20:00 PST
Email support: support@tabletmedia.com
Internet: www.tabletmedia.com

ROOM FOR LINKS TO FURTHER DOCUMENTATION:
Datasheet: http://tabletmedia.com/italkiePI.pdf
Sales presentation: http://tabletmedia.com/wt/phone@trbo_sls.pps
Manual: http://tabletmedia.com/wt/phone@trboGuide.pdf

TABLETmedia

RADIO-INTERFACE-SERVER RADIS

SERVER/CLIENT SOLUTION, TELEPHONE INTERCONNECT

PRODUCT DESCRIPTION

The Radio-Interface-Server (RADIS) offers a full integration of digital professional radios into the IT-world. RADIS is a PBX based multisite MOTOTRBO™ system based on IPSC repeater interface and repeater based telephone interconnect system. Currently RADIS just supports Professional radios with DMR-Standard, which is the best solution for a majority of professional communication applications. Mobile co-workers achieve automated or manually generated information that only affects them, in real time. Additionally, the mobile co-workers can generate their own messages. This improves the efficiency of internal processes and increases the customer satisfaction. Modular software allows a customization to a variety of applications.

BENEFITS

RADIS can be seen as a base for several possible applications or as an overall solution in specific projects. RADIODATA realizes project specific Interfaces, conversion of protocols or users interface and upgrades to customer's functionalities. That is how RADIODATA offers every customer an individual system.

SUPPORTED MODULES

RADIS-System consists of a server and a DMR-mobile radio that is connected to the server via USB.

The Server provides an API interface and converts the protocol between the users application and the radio. The server itself is connected via a serial or ethernet interface to a computer network such as LAN, facility management system, fault-indication-system, control center, burglar alarm system and so on. However, the server allows a location-independent handling like configuration, reading and generating messages via web browser. The creation of freely defined groups within the radio system allows the visualization of internal structures and eases the simultaneous communication with multiple subscribers.

The subscriber-database manages all actual information and characteristics of the mobile subscribers. The evaluation of GPS-data enables the consideration of location-information for disposition and monitoring.

FEATURES

- Automated login
- Text messages
- Position Report
- Telemetry
- Telephone Interconnect

RADIS

Potential Users are:

- Security Services
- Facility Management
- Industry
- Energy Provider
- Public Utilities

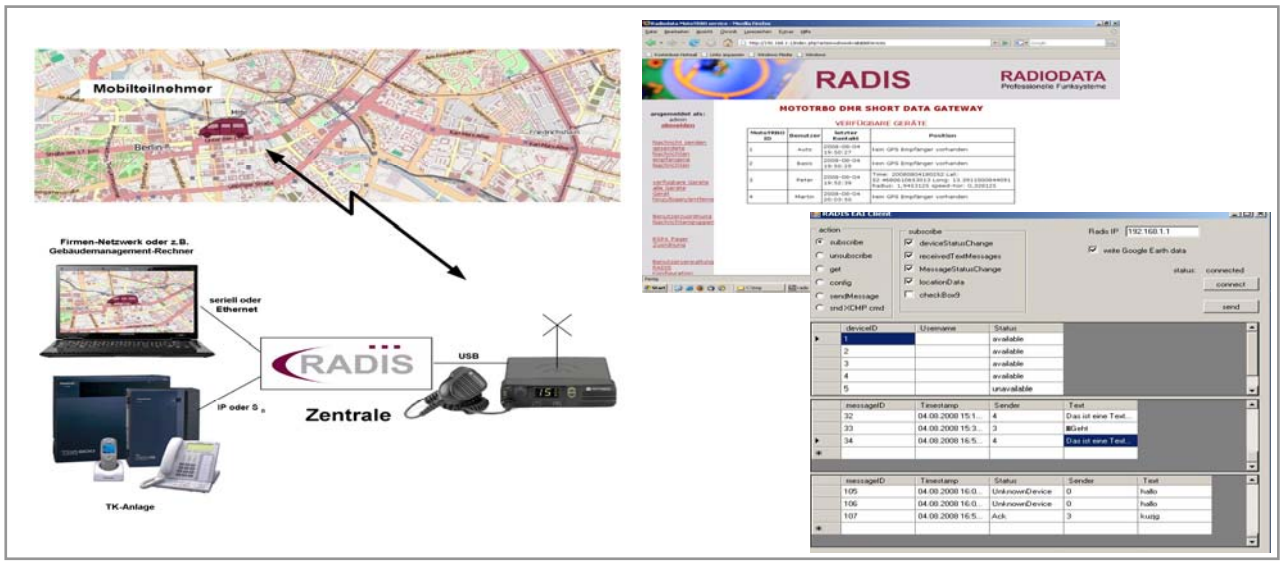
SYSTEM REQUIREMENTS:

- Required radio hardware / releases compatibility: MOTOTRBO™ radio network, RADIS-Hardware with the actual RADIS-Software version, RADIS Dispatcher Software and one or more PCs with Windows XP or newer
- Required IP technology (PC, Internet, Ethernet): LAN-Network for the interconnection between the RADIS and the Client-PC(s)
- Required interfaces: RADIS realises the connection to a MOTOTRBO™ mobile unit DM3xxx via the USB-interface or Ethernet to a MOTOTRBO™ repeater DR3000
- Required know how: System integrators should have "know how" in MOTOTRBOTM-Radio-Networks, Programming MOTOTRBOTM-Units, LAN-Networks, Installing PCs Windows XP or newer

RADIO-INTERFACE-SERVER RADIS

Target markets (industries, customer segments etc.):

Energy Provider and other Public Utilities, Taxi corporations, Industry, Security Services



PRICE INFORMATION

Between € 3.500 and € 6.000

Options:

- integration to the telephone system
- additional data channels
- ESPA
- Location Service
- Logging

AT-A-GLANCE

GEOGRAPHICAL COVERAGE

Germany, Switzerland, Austria

ORDER TO SHIP CYCLE TIME

4-6 weeks

AVAILABLE LANGUAGE OF THE SOLUTION

German, English coming up soon

COMPANY DETAILS:

Company: RADIODATA GmbH
Contact: Sales
Address: Ringbahnstraße 32...34
12099 Berlin
Germany

Telephone: (+49) 30 75 68 13
Web: www.radiodata.biz
Email: radis@radiodata.biz

SUPPORT:

Languages of the support: German
Contact: Mrs. Mayerhoff
Hotline number: (+49) 30 75 68 13
Available at time: 09:00 – 16:00 CET
Email support: radis@radiodata.biz
Internet: www.radiodata.biz

ROOM FOR LINKS TO FURTHER DOCUMENTATIONS

RADIODATA

PRODUCT DESCRIPTION

Hardware-software system Radius-IP is designed for complete supervisory control over the radio networks. The complete solution contains all the necessary components for building the effective dispatch system and operative communications among employees. Radius-IP is based on MOTOTRBO hardware (Motorola) and SmartPTT software (Elcomplus).

BENEFITS

- Expandable multi-level dispatch system.
- Scalability (unlimited number of dispatcher workstations and radios of supervised fleet, remote control via IP-based networks).
- Routing for Voice Calls and Data Transmission among several Base stations and among different radio networks.
- Remote re-programming of BS repeaters.
- Tools providing network settings for different modes of operation.
- IP-based channel infrastructure provides a high level of service availability, flexibility and ease of deployment, maintenance and expansion of the system.
- DMR technology.
- Enhanced functionality provided by SmartPTT software.
- Industry specific adaptability. Functions specific to a particular industry can be implemented in SmartPTT software.
- Real time system monitoring, in-depth analysis and control over connected MOTOTRBO infrastructure

SUPPORTED MODULES

Radius-IP consists of 2 components:

- Radius-IP Base Stations
- Administrator and Dispatcher workstations

Radius-IP Base Station components:

- Transceiver
- Duplex filter (for models based on DR3000, MTR3000)
- Radioserver with installed SmartPTT software
- Uninterruptible power supplies for 4 hours backup
- Network equipment

FEATURES

- FLEXIBLE MODULAR DESIGN
  - ✓ Telephone Interconnect, via classic telephony interfaces (FXO/FXS, E&M, ISDN PRI), and via VoIP
  - ✓ Multi-site communication channels based on IP-technology via E1 and Ethernet interfaces

- IP-TECHNOLOGY
  - ✓ Remote monitoring, control and configuration of any infrastructure element from a control center
  - ✓ Connection to the system from any place with Internet access available

SYSTEM REQUIREMENTS:

- Required radio hardware / releases compatibility: MOTOTRBO radio with firmware 1.6 and above, latest firmware recommended
- Required IP technology (PC, Internet, Ethernet): PC, Windows XP/2003/Vista/Windows 7, Pentium, 2 Gb RAM
- Required interfaces: Ethernet, Audio, USB
- Required know how: PC experienced user

RADIUS-IP

Target markets (industries, customer segments etc.):

Linear-extended objects: multi-site dispatcher control systems for oil & gas pipelines, power grids, highways, railways, etc.
Geographically distributed objects: dispatching systems for emergency services, municipalities, public transportation, security services, etc.
Local objects: single-site dispatcher control systems for airports, factories, supermarkets, hotels, etc.

PRICE INFORMATION

Radius-IP Dispatcher Workstation	$ 2 370
Radius-IP Base Station *1-channel simplex, Radioserver, 24U, software phone gateway*	$ 18 360
Radius-IP Base Station *2-channel simplex, Radioserver, 24U, software phone gateway*	$ 21 490
Radius-IP Base Station *peripheral 2-channel duplex, w/o Radioserver, 24U*	$ 22 810
Radius-IP Base Station *central 2-channel duplex, Radioserver, 24U, software phone gateway*	$ 29 060
Radius-IP Base Station *central 2-channel duplex, Radioserver, 24U, hardware phone gateway*	$ 35 550
Radius-IP Base Station *4-channel duplex, Radioserver, 45U, hardware phone gateway*	$ 106 730
Radius-IP Base Station *8-channel duplex, Radioserver, 45U, hardware phone gateway*	$ 123 730

AT-A-GLANCE

GEOGRAPHICAL COVERAGE

Worldwide

ORDER TO SHIP CYCLE TIME

8 – 10 weeks

AVAILABLE LANGUAGE OF THE SOLUTION

English, German, French, Italian, Spanish, Russian, Polish, Arabic, Korean, Portuguese, others on request

COMPANY DETAILS:

Contact: Mr Alexey Kuznetsov
Address: Elcomplus LLC
130a Frunze avenue
Tomsk 634021
Russian Federation

Telephone: (+7) 3822 522 511
Web: www.radius-ip.com
Email: info@radius-ip.ru

SUPPORT:

Languages of the support: English, Russian
Contact: Radius-IP Support Team
Hotline number: (+7) 3822 522 511
Available at time: 09:00 – 18:00 (GMT+6)
Email support: support@radius-ip.ru
Internet: www.radius-ip.com

ROOM FOR LINKS TO FURTHER DOCUMENTATIONS
Visit our sites at www.radius-ip.com, www.smartptt.com.

RADIO BRANCH EXCHANGE (RBX) +PLUS

TELEPHONE INTERCONNECT, PABX/SIP INTERFACE

PRODUCT DESCRIPTION

The award winning RBX +Plus application is the most widely adopted DMR telephone interconnect solution for MOTOTRBO specifically designed to meet the needs of industries that require a customizable private mobile telephony network. RBX +Plus brings all the benefits and functionalities of corporate unified communications to digital radios, enabling industries to operate under one private business critical mobile telephony network. This product allows digital radios to communicate with phones with access to familiar telephony features. It gives customers the ability to truly control their mobile communications coverage area while reducing mobile communications costs without sacrificing functionality.

BENEFITS

The RBX +Plus provides organizations with a compelling alternative to cellular and WiFi solutions for their mobile work force. While staying connected in any location is paramount, Teldio delivers the same cellular functionality directly to the mobile worker's radio leveraging existing radio and telephony infrastructure in a whole new way.

SUPPORTED MODULES

Direct, Conventional Repeater, IP Site Connect, Capacity Plus

RBX +PLUS APPLICATION FEATURES:

- Make & receive private phone calls on your MOTOTRBO radios
- Dial into talkgroups
- Multiple telephone connections on single server
- Alpha-numeric calling line ID
- Full-duplex call recording - 1,000's of recording hours (w/ logs and reports)
- Missed call notification
- Portable radio voicemail
- Private phone number assignments
- Speed dialing
- Auto-Attendant / IVR phone interface
- Web browser management interface
- Integrated phonebook and call history
- Contact/phonebook importing (.csv)
- Supports TX Interrupt (MOTOTRBO v1.06 or higher)
- Key-up/key-down tone indicators
- Individual user provisioning
- Radio channel reservation
- Emergency channel reservation
- Call transferring
- IP Site Connect Roaming

DIGITAL RADIO MEETS TELEPHONY
1 Recommended DMR Telephone Interconnect on the Market
RBX +PLUS
With more than 50 advanced telephony features Teldio's RBX +Plus is the most interoperable, robust and customizable MOTOTRBO radio to phone interface.
Teldio

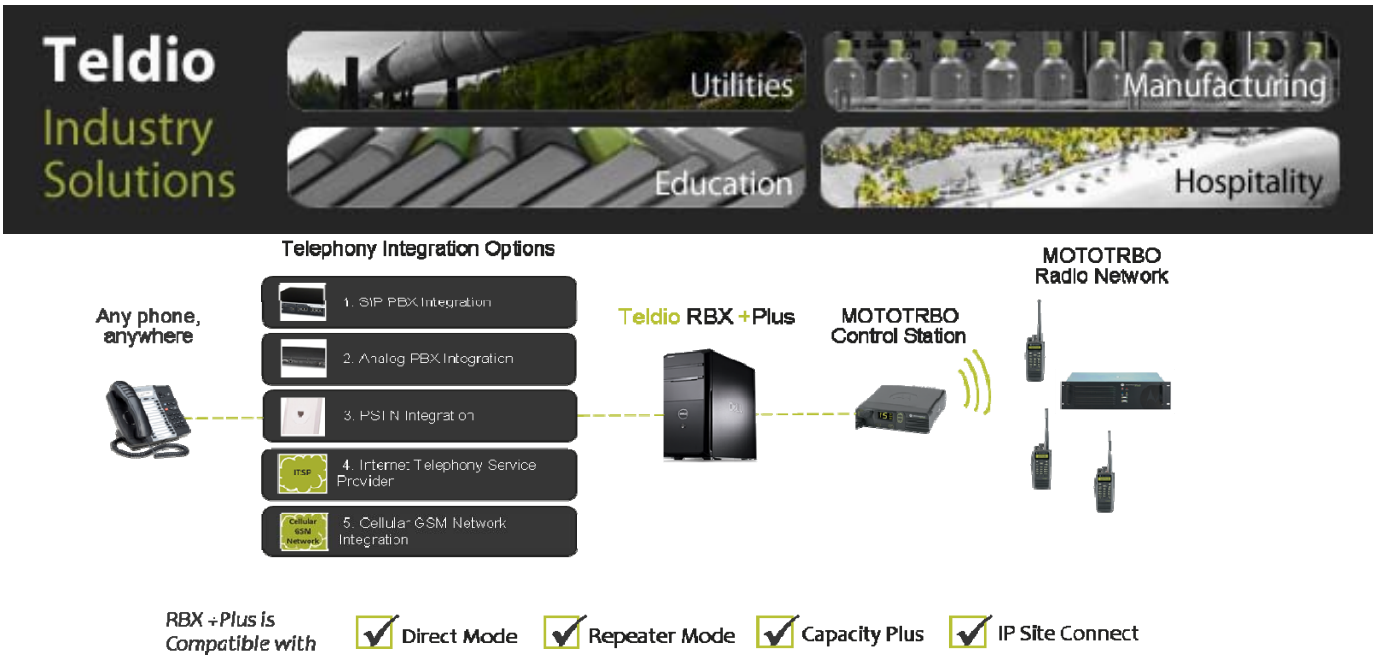
SYSTEM REQUIREMENTS:

- Required Radio Hardware: 1 MOTOTRBO base station per simultaneous phone call, 1 Expansion Card per subscriber, radio firmware version 1.6.0 or greater, 1 digital timeslot per call.
- Required IP Technology: PC Dual-core 2GHZ CPU or higher, 4GB of system RAM, Windows XP 32-bit or Windows 7, 10/100/1000 Ethernet LAN, PCI slots for Additional Sound Cards
- Available Interfaces: SIP Trunking, Analogue T1 Trunking, ISDN (BRI and PRI), PSTN, Internet Telephony Service Provider (ITSP), GSM/3G
- Required Know-How: PC Savvy, Detailed understanding of MOTOTRBO CPS configurations, IP networking is helpful, but not necessary.

RADIO BRANCH EXCHANGE (RBX) +PLUS

Target markets (industries, customer segments etc.):

Utilities, Natural Resources, Hospitality, Manufacturing, Healthcare, and Education.



PRICE INFORMATION

RBX +Plus Solutions for MOTOTRBO start from €2000

For detailed pricing, contact a Teldio sales representative.

Demonstration packages available, please contact a Teldio sales representative for more details.

COMPANY DETAILS:

Company: Teldio Inc
Contact: Mark Oxley
Address: Sheraton House
Cambridge
CB30AX
UK

Telephone: (+44) 01223 370087
Web: www.teldio.com
Email: emeasales@teldio.com

AT-A-GLANCE

GEOGRAPHICAL COVERAGE

North America, EMEA, APAC, CALA

ORDER TO SHIP CYCLE TIME

Typically 5-10 business days for hardware, software downloads available

AVAILABLE LANGUAGES OF THE SOLUTION

English. Other languages available upon request.

SUPPORT:

Languages of the support :
English, French, Spanish, Mandarin, Polish
Contact: Support Team
Hotline number: UK / (+44) 01223 370087,
Canada / (+1) 613 271 5980
Available at time: UK Office 9am-6pm GMT
Canada (Global Headquarters) 9am-6pm EST
Email support: support@teldio.com
Internet: www.teldio.com
Skype: teldio.support

For all support levels, the following are included: Maintenance releases, software updates during the support period on purchased components, phone-in support, email support, access to Teldio's online support portal.

BPG TRBOPLUS TALK FINDER

OPTION BOARD FOR GPS LOCALIZATION ON ANALOG CHANNEL

PRODUCT DESCRIPTION

BPG TRBOplus is an option board designed specifically for Motorola radios, portable or mobile, with the aim of extending the standard radio functions. On request we can personalize the functionality of the presented board.
TRBOplus TALK FINDER combined with COM dispatcher allows GPS localization and fleet management even on analog channels with FFSK modulation. MOTOTRBO radios will become able to send GPS position both on analog and digital DMR networks.
This option board can adds also some optional functionalities like 5 tones signalling (encode + decode), FFSK signalling, GPS info of the local or remote radio (over the air LRRP requests), and GPS datalogger.

BENEFITS

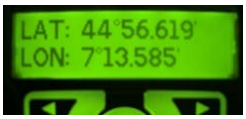
TRBOplus TALK FINDER simplifies the migration from analog to digital DMR systems, adding GPS localization even on analog channels.

SUPPORTED MODULES

TRBOplus TALK FINDER is compatible with portable DP 3600 or mobile DM 3601radios. All functionalities are programmable by the TRBOplus CPS software.

FEATURES

- **GPS localization even on analog channels** (by FFSK modulation)
- **GPS info on radio display** of the **local or remote radio** (over the air LRRP requests)
- **5 tone signaling** (encode e decode)
- **FFSK** signaling (tx on, tx off, radio on, PTT id, call, status etc…)
- optional **GPS datalogger** : stores detailed GPS tracks on internal flash memory for post downloading via USB (tracks exported in std. GPX or KMZ format for Google Earth)



SYSTEM REQUIREMENTS:

- Required radio hardware / releases compatibility: DP 3601, DM 3601 radios.
- Required IP technology (PC, Internet, Ethernet): Windows XP, Vista, Windows 7 with installed Motorola USB drivers for programming and downloading RSSI/GPS data.
- Required interfaces: Motorola USB programming cable; Motorola HLN7001 flat cable for mobile radios
- Required know how: After installing option board in the portable radios, Motorola dealer must be equipped with the tools to restore the radio to become truly watertight. The necessary tools and descriptions are available from Motorola.

TRBOPLUS TALK FINDER

Target markets: Government and Enterprise, Fleet Dispatching, AVL, Public Transportation, Taxi Companies, Emergency and Rescue, Security.

PRICE INFORMATION

TRBOplus Talk Finder from 100 to 300 Euro depending on functionality.

Ask for dealer discount.

AT-A-GLANCE

GEOGRAPHICAL COVERAGE

All over the world

ORDER TO SHIP CYCLE TIME

Typically 1 week when in stock.
Delivery date will be confirmed at the reception of the order.

AVAILABLE LANGUAGE OF THE SOLUTION

English.

COMPANY DETAILS:

Company: BPG Radiocomunicazioni
Contact: Mr. Fabrizio Adamini
Address: Via Nazionale,13
10060 Pinasca (TO)
ITALY

Telephone: (+39) 0121 800669
Web: www.bpg.it
Email: commerciale@bpg.it

SUPPORT:

Languages of the support: English, Italian, French
Contact: Mr. Marco Berutto
Hotline number: (+39) 0121 800669
Available at time: 09:00 – 18:00 CET
Email support: commerciale@bpg.it
Internet: www.bpg.it

ROOM FOR LINKS TO FURTHER DOCUMENTATIONS
http://www.bpg.it

K-TERM 42

SELECT 5 & MAN DOWN OPTION BOARD

PRODUCT DESCRIPTION

The K-TERM42 is a select 5 decoding and encoding module on analog channels. On digital channels, the man down and lone worker functionality can be used.
It is used with the following radios:
Portable radios DP340x and DP360x.
Mobile radios DM340x and DM360x.

Man down functionality on analog and digital channels (this functionality is not available in all countries).

Programming the functionality is easy. Once the board is installed in the radio, attach the radio with the Motorola USB cable to the PC and start the K-TERM CPS program. This CPS program allows you to set all parameters and save them in the option board. If a new option board firmware is released, it can be uploaded to the option board with the same CPS program.

BENEFITS

The K-TERM 42 select 5 module can be used in all analog radio systems with select 5 functionality. With this board the DMR radio participate in the existing system. It may be used to gradually replace analog radios in existing systems and help migrating analog systems to digital systems.

On digital systems, the man down and lone worker alarm can be used.

SUPPORTED MODULES

It supports the following select 5 norms: ZVEI 1 / 2 / 3, CCIR 20 / 70 / 100, EEA and one user defined signalling system.
All buttons on the radio and on the external accessories can be programmed for encoding sequences. It supports up to 16 encoders and 16 decoders, each with three sequences with up to 12 tones.

FEATURES

- Lone Worker
- Man Down
- Universal Option Board
- 5-Tone Signaling
- Console for analogue mode
- All buttons programmable for encoding sequences
- Customised options
- Tilt switch for Man Down (optional)
- Alarm notifications

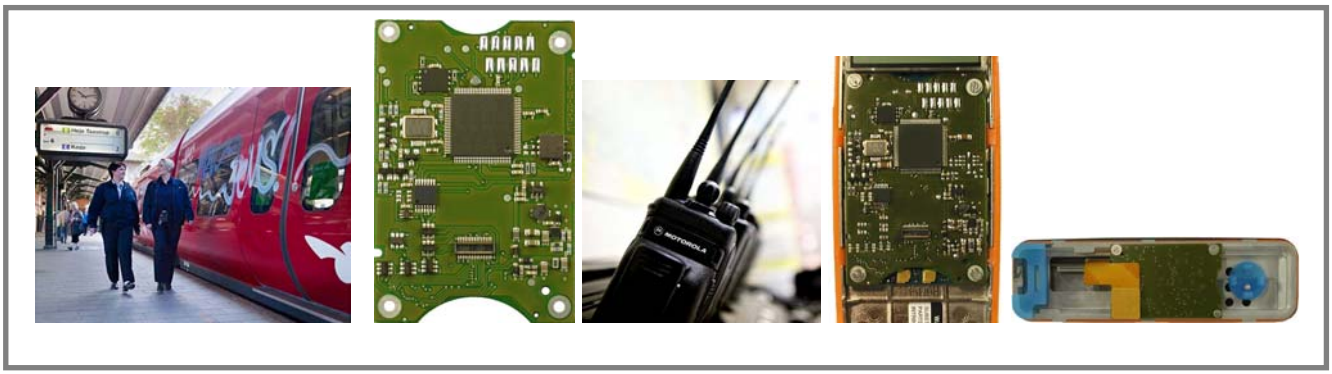
SYSTEM REQUIREMENTS:

- Required radio hardware / releases compatibility: DP340x / DP360x and DM340x / DM360x radios
- Required IP technology (PC, Internet, Ethernet): Windows 2000 / XP / VISTA with installed Motorola USB Drivers for connecting the DMR radios
- Required interfaces: USB Programming cable from Motorola
- Required know how: After installing the option board in the radio, the Motorola Dealer must be equipped with the tools to restore the radio to become truly watertight. The necessary tools and description is available form Motorola.

K-TERM 42

Target markets (industries, customer segments etc.):

All vertical markets



PRICE INFORMATION

K-TERM 42 SD Select 5 (6.01.15.0001)	
1 - 99	€ 75.00
100 - 499	€ 70.00
500 - 999	€ 66.00
>1000	On demand
K-TERM 42 MD Select 5 & Man Down (6.01.15.0002)	
1 - 99	€ 110.00
100 - 499	€ 100.00
500 - 999	€ 92.00
>1000	On demand

AT-A-GLANCE

GEOGRAPHICAL COVERAGE

All over the world

ORDER TO SHIP CYCLE TIME

The units are available. We ship boards in one to two weeks if they are in stock. If they are not in stock, it may take 4 to 6 weeks. Delivery dates are confirmed after reception of the order.

AVAILABLE LANGUAGE OF THE SOLUTION

English, French, German

COMPANY DETAILS:

Company: Kilchherr Elektronik AG
Contact: Mr. Marcel Kilchherr
Address: Aeschistrasse 25
3110 Muensingen
Switzerland

Telephone: (+41) 31 721 36 95
Web: www.kilchherr.com
Email: info@kilchherr.com

SUPPORT:

Languages of the support: English, French, German
Contact: Mr. Marcel Kilchherr
Hotline number: (+41) 31 721 36 95
Available at time: 14:00 – 17:00 CET
Email support: support@kilchherr.com
Internet: www.kilchherr.com

ROOM FOR LINKS TO FURTHER DOCUMENTATIONS

On our web page you find the latest CPS firmware, the latest option board firmware and useful information's about the K-TERM 42 (www.kilchherr.com).

The "MOTOTRBO™ Application Catalogue" should help you to find easily a supplier for a specific solution.

➔ Note, that all information given in this catalogue directly or via downloadable files is based on statements by the Application Partners. Motorola is not testing any solution from Application Partner in general due to high complexity and effort. Hence Motorola is NOT responsible and liable for any product or information from any Application Partner.

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MOTOROLA

MOTOROLA
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LICENSED developer
MAKING SOLUTIONS WORK FOR YOU

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PROFESSIONAL RADIO
APPLICATION partner
MAKING SOLUTIONS WORK FOR YOU